

STN Columbus

* * * * * * * * * * * * * Welcome to STN International * * * * * * * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6 Mar 08 Gene Names now available in BIOSIS
NEWS 7 Mar 22 TOXLIT no longer available
NEWS 8 Mar 22 TRCTHERMO no longer available
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAplus and USPATFULL
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 14 Apr 09 ZDB will be removed from STN
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items

NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 11:09:21 ON 26 APR 2002

FILE 'HOME' ENTERED AT 11:11:39 ON 26 APR 2002

```
=> fiel reg  
FIEL IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.
```

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For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

```
=> s metconazole  
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE  
Some commands only work in certain files. For example, the EXPAND  
command can only be used to look at the index in a file which has an  
index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of  
commands which can be used in this file.
```

```
=> help commands  
Enter one of these commands at the arrow prompt (=>).
```

```
DELETE ----- Delete saved or current session items.  
DISPLAY ----- Display saved or current session items.  
FILE ----- Specify the search and display file.  
HELP ----- For help on how to use the system.  
INDEX ----- Specify the Index environment.  
LOGOFF ----- End the online session.  
NEWS ----- Display current news about the system.  
ORDER ----- Order an original document or copy.  
SAVE ----- Save an L-numbered query or answer set.  
SET ----- Set terminal and interaction options.  
? ----- The same as HELP.  
Enter one of these commands at the arrow prompt (=>).
```

For more detailed information about a command, enter HELP followed by the command name at an arrow prompt.

Example: => HELP SEARCH

For information on entering multiple commands at a single arrow prompt, enter HELP COMMAND STACKING.

```
=> help search  
The SEARCH command is used to execute a search in the current file.
```

To use this command, enter SEARCH and a query name or a logic expression. The system will create an L-number answer set containing the results of the search.

A logic expression (profile) consists of L-numbers, E-numbers, text or numeric terms and/or saved query names, joined by Boolean operators and/or by appropriate proximity operators or by numeric operators in numeric expressions.

The order of precedence for the execution of operators is (highest first): numeric operators; (W), (NOTW), (A), and (NOTA); (S) and (NOTS); (P) and (NOTP); (L) and (NOTL); AND and NOT; then OR. Parentheses (nesting) can be used to modify this order. For information on the use of operators, enter HELP OPERATORS at an arrow prompt (=>). Enter HELP NUMERIC for an explanation of how to use numeric terms in a search.

The search terms you choose must be appropriate for the file you are in, e.g., structures can be searched in the REGISTRY file but not in the CAPLUS file. Generic structure files may be searched only with single structures, without logic operators or screen terms.

Ranges of L-numbers and/or E-numbers may be searched as if you had connected them with OR operators. For example, S E3-E6,E12,L2,L9-8

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would be searched as if you had entered E3 OR E4 OR E5 OR E6 OR E12 OR L2 OR L9 OR L8.

To automatically add plurals for terms in the Basic Index or fields that comprise the Basic Index in a single search in an English language database, include PLURALS=ON in the command line, e.g., SEARCH HEDGE AND CLIPPER PLURALS=ON. For more information on searching plurals automatically, enter HELP SET PLURALS at an arrow prompt).

You may search a phrase in a field that contains single words and an appropriate operator, usually (W), will automatically be inserted between the words in the phrase.

Example:

```
=> SEARCH ACID RAIN AND POLLUTION
    752118 ACID
      5169 RAIN
      1214 ACID RAIN
        (ACID(W)RAIN)
      93061 POLLUTION
L2    1214 ACID RAIN AND POLLUTION
```

If you do not wish to see how a phrase was actually searched, enter SET INTERPRET OFF at an arrow prompt before executing the search. For more information, enter HELP SET INTERPRET.

You may select terms from an answer set in one file and search these terms in the same or another field in the same or another file. For more information on this type of file crossover, enter HELP SMARTSELECT at an arrow prompt. For more information on other types of file crossover, enter HELP CROSSOVER in the file.

You may choose to have the SEARCH command automatically inserted into your input query. To do this, enter SET AUTOSEARCH ON at an arrow prompt. For more information, enter HELP SET AUTOSEARCH.

If a saved query appears in a search, the full name must be entered, including /Q, e.g., SEARCH L3 AND HEDGE/Q NOT SULFUR/Q.

Saved answer sets, L-number lists, and SDI profiles must have L-numbers to be used in the SEARCH command. First ACTIVATE the saved item. Then use the L-number, not the saved name, in the SEARCH command.

Searches can be done on a limited portion of the file. For an explanation, enter HELP SEARCH RANGE at an arrow prompt.

Search terms may be truncated. For information on truncation symbols, enter HELP TRUNCATION at an arrow prompt. To see what terms or symbols may need special care when used in a search, enter HELP RESERVED.

To have L-numbers assigned to intermediate postings in a SEARCH, enter SEARCH STEPS. For more information, enter HELP SEARCH STEPS at an arrow prompt.

With fields for which a thesaurus file exists, search queries may be enriched with additional search terms such as Narrower Terms, Broader Terms, Related Terms, etc. For more information about using a thesaurus in searches, enter HELP THESAURUS at an arrow prompt in the

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desired file.

When SmartSelect L-numbers are searched, a new SmartSelect L-number can be created that contains those terms for which there were no postings. For more information, enter HELP SET AUDIT at an arrow prompt.

```
=> s metconazole/cn
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (->) for a list of commands which can be used in this file.
```

```
=> file reg
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          6.93           7.77
```

```
FILE 'REGISTRY' ENTERED AT 11:31:18 ON 26 APR 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 American Chemical Society (ACS)
```

```
STRUCTURE FILE UPDATES: 24 APR 2002 HIGHEST RN 407577-00-8
DICTIONARY FILE UPDATES: 24 APR 2002 HIGHEST RN 407577-00-8
```

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

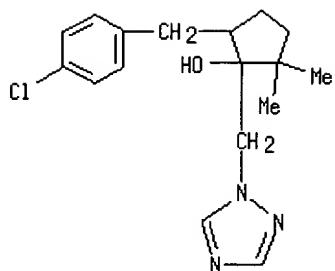
Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

```
=> s metconazole/cn
L1          1 METCONAZOLE/CN

=> d l1

L1  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2002 ACS
RN  125116-23-6  REGISTRY
CN  Cyclopentanol, 5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)- (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN  Caramba
CN  Metconazole
FS  3D CONCORD
MF  C17 H22 Cl N3 O
CI  COM
SR  CA
LC  STN Files: AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT, CBNB,
     CHEMCATS, CHEMLIST, CIN, CSCHEM, MRCK*, PROMT, TOXCENTER, ULIDAT,
     USPATFULL
(*File contains numerically searchable property data)
```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

87 REFERENCES IN FILE CA (1967 TO DATE)
 30 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 88 REFERENCES IN FILE CAPLUS (1967 TO DATE)

```
=> s 2 methylisothiazolin 3 one
      13700279 2
      3 METHYLIOTHIAZOLIN
      10774194 3
      5585064 ONE
L2      2 2 METHYLIOTHIAZOLIN 3 ONE
      (2 (W)METHYLIOTHIAZOLIN (W) 3 (W) ONE)
```

=> d 12 1-2

```
L2  ANSWER 1 OF 2  REGISTRY  COPYRIGHT 2002 ACS
RN  402750-92-9  REGISTRY
CN  3(2H)-Isothiazolone, 2-methyl-, mixt. with alkylbenzyldimethylammonium
    chlorides (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN  2-Methylisothiazolin-3-one-benzalkonium chloride mixt.
MF  C4 H5 N O S . Unspecified
CI  MXS, MAN
SR  CA
LC  STN Files:  CA, CAPLUS
```

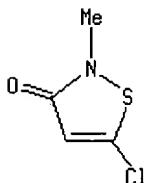
STRUCTURE DIAGRAM IS NOT AVAILABLE

1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

```
L2  ANSWER 2 OF 2  REGISTRY  COPYRIGHT 2002 ACS
RN  26172-55-4  REGISTRY
CN  3(2H)-Isothiazolone, 5-chloro-2-methyl- (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN  4-Isothiazolin-3-one, 5-chloro-2-methyl- (8CI)
OTHER NAMES:
CN  2-Methyl-5-chloro-3-isothiazolone
CN  2-Methyl-5-chloroisothiazolin-3-one
CN  5-Chloro-2-methyl-2H-isothiazol-3-one
CN  5-Chloro-2-methyl-3 (2H)-isothiazolone
CN  5-Chloro-2-methyl-3-isothiazolone
CN  5-Chloro-2-methyl-4-isothiazolin-3-one
CN  5-Chloro-2-methylisothiazolin-3-one
CN  5-Chloro-N-methylisothiazolin-3-one
CN  5-Chloro-N-methylisothiazolone
CN  Kathon CG 5243
CN  Methylchloroisothiazolinone
```

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CN N-Methyl-5-chloroisothiazolin-3-one
CN N-Methyl-5-chloroisothiazolone
FS 3D CONCORD
DR 137662-59-0
MF C₄ H₄ Cl N O S
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CHEMSAFE, CIN,
CSCHEM, CSNB, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS,
NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, ULIDAT, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

666 REFERENCES IN FILE CA (1967 TO DATE)
80 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
665 REFERENCES IN FILE CAPLUS (1967 TO DATE)

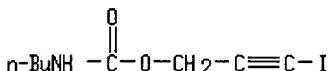
=> s 3 iodo 2 propynyl n butylcarbamate
10774194 3
236791 IODO
13700279 2
83990 PROPYNYL
4039655 N
470 BUTYLCARBAMATE
L3 1 3 IODO 2 PROPYNYL N BUTYLCARBAMATE
(3 (W) IODO (W) 2 (W) PROPYNYL (W) N (W) BUTYLCARBAMATE)

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 55406-53-6 REGISTRY
CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 3-Iodo-2-propynyl butylcarbamate
CN 3-Iodo-2-propynyl N-butylcarbamate
CN 3-Iodopropargyl n-butylcarbamate
CN Biodocarb
CN Coatcide 123
CN Dantogard Plus
CN Glycacil
CN Guardsan 388
CN IPBC
CN Omacide IPBC 100
CN Polyphase
CN Polyphase AF 1
CN Thompson's Wood Protector
CN Troyson Polyphase P 100

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CN Troysan Polyphase P 20T
CN Troysan Polyphase WD 17
FS 3D CONCORD
DR 161849-41-8, 104732-42-5, 84826-91-5, 85045-09-6
MF C8 H12 I N O2
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB,
IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, PIRA, PROMT, RTECS*,
TOXCENTER, ULIDAT, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

324 REFERENCES IN FILE CA (1967 TO DATE)
32 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
325 REFERENCES IN FILE CAPLUS (1967 TO DATE)

| => file medline, ca, caplus, embase, embal, biosis, promt
COST IN U.S. DOLLARS | SINCE FILE
ENTRY | TOTAL
SESSION |
|---|---------------------|------------------|
| FULL ESTIMATED COST | 52.60 | 60.37 |

FILE 'MEDLINE' ENTERED AT 11:34:54 ON 26 APR 2002

FILE 'CA' ENTERED AT 11:34:54 ON 26 APR 2002
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FILE 'CAPLUS' ENTERED AT 11:34:54 ON 26 APR 2002
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FILE 'EMBASE' ENTERED AT 11:34:54 ON 26 APR 2002
COPYRIGHT (C) 2002 Elsevier Science B.V. All rights reserved.

FILE 'EMBAL' ENTERED AT 11:34:54 ON 26 APR 2002
COPYRIGHT (C) 2002 Elsevier Science B.V. All rights reserved.

FILE 'BIOSIS' ENTERED AT 11:34:54 ON 26 APR 2002
COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'PROMT' ENTERED AT 11:34:54 ON 26 APR 2002
COPYRIGHT (C) 2002 Gale Group. All rights reserved.

=> d his

(FILE 'HOME' ENTERED AT 11:09:21 ON 26 APR 2002)

FILE 'HOME' ENTERED AT 11:11:39 ON 26 APR 2002

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FILE 'REGISTRY' ENTERED AT 11:31:18 ON 26 APR 2002

L1 1 S METCONAZOLE/CN
L2 2 S 2 METHYLISOTHIAZOLIN 3 ONE
L3 1 S 3 IODO 2 PROPYNYL N BUTYLCARBAMATE

FILE 'MEDLINE, CA, CAPLUS, EMBASE, EMBAL, BIOSIS, PROMT' ENTERED AT
11:34:54 ON 26 APR 2002

=> s l2 and l3
L4 42 L2 AND L3

=> dup rem
ENTER L# LIST OR (END):14
PROCESSING COMPLETED FOR L4
L5 21 DUP REM L4 (21 DUPLICATES REMOVED)

=> d 15 1-21 bib, ab, kwic

L5 ANSWER 1 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 1

Full Text

AN 136:136662 CA
TI Antimicrobial composition containing enzymatic biocide
IN Johansen, Charlotte; Aaslyng, Dorrit
PA Novozymes A/S, Den.
SO PCT Int. Appl., 35 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------|---|----------|-----------------|----------|
| PI WO 2002008377 | A1 | 20020131 | WO 2001-DK454 | 20010629 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,
VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| US 2002028754 | A1 | 20020307 | US 2001-899689 | 20010705 |
| PRAI | DK 2000-1121 | A | 20000721 | |
| | US 2000-220538P | P | 20000725 | |
| AB | The compn. comprises an enzymic component (haloperoxidase) and ≥1 kind of non-enzymic biocide (benzoic acid); a method for killing or inhibiting microbial cells comprises treating objectives with the antimicrobial compn.; and a detergent compn. comprises the antimicrobial compn. The invention provides an improved antimicrobial effect. | | | |
| RE.CNT 6 | THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD | | | |
| | ALL CITATIONS AVAILABLE IN THE RE FORMAT | | | |
| IT | 99-76-3, Methylparaben 120-47-8, Ethylparaben 2634-33-5, Benzisothiazolone 7782-44-7, Oxygen, biological studies 9000-92-4, Amylase 9001-02-9, Carbohydrazine 9001-62-1, Lipase 9001-92-7, Protease 9012-54-8, Cellulase 9025-55-2, Xylanase 9032-75-1, Pectinase 26172-55-4, Methylchloroisothiazolinone 37325-54-5, Arabinase 39346-28-6, Galactanase 51377-41-4, Cutinase 60748-69-8, Mannanase 80498-15-3, Laccase 93229-67-5, Haloperoxidase | | | |
| RL: | BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) | | | |
| | (antimicrobial compn. contg. enzymic biocide) | | | |

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IT 50-00-0, Formaldehyde, biological studies 52-51-7, Bronopol 54-64-8
 55-56-1, Chlorhexidine 56-95-1, Chlorhexidine diacetate 57-15-8,
 Chlorobutanol 60-12-8, Phenethyl alcohol 62-38-4, Phenylmercuric
 acetate 64-17-5, Ethyl alcohol, biological studies 65-85-0, Benzoic
 acid, biological studies 69-72-7, Salicylic acid, biological studies
 79-07-2, Chloroacetamide 90-43-7, [1,1'-Biphenyl]-2-ol 94-13-3,
 Propylparaben 94-18-8, Benzylparaben 94-26-8, Butylparaben 100-51-6,
 Benzyl alcohol, biological studies 101-20-2 110-44-1, Sorbic acid
 111-30-8, Glutaraldehyde 121-54-0, Benzethonium chloride 122-99-6,
 Phenoxyethanol 127-82-2, Zinc phenolsulfonate 141-94-6, Hexetidine
 520-45-6, Dehydroacetic acid 532-32-1, Sodium benzoate 828-00-2,
 Dimethoxane 1321-23-9, Chloroxylenol 1330-43-4, Sodium borate
 2682-20-4, Methylisothiazolinone 3380-34-5, Triclosan 3697-42-5,
 Chlorhexidine dihydrochloride 4080-31-3, Quaternium 15 4191-73-5,
 Isopropylparaben 4247-02-3, Isobutylparaben 4418-26-2, Sodium
 dehydroacetate 6440-58-0 7488-56-4, Selenium disulfide 7681-55-2,
 Sodium iodate 10043-35-3, Boric acid, biological studies 12041-76-8,
 Dichlorobenzyl alcohol 13463-41-7, Zinc pyrithione 18472-51-0,
 Chlorhexidine digluconate 24634-61-5, Potassium sorbate 30007-47-7,
 5-Bromo-5-nitro-1,3-dioxane 31512-74-0, Polyquaternium 42 35691-65-7
 39236-46-9, Imidazolidinyl urea 55406-53-6 68890-66-4,
 Piroctone olamine 70161-44-3, Sodium hydroxymethylglycinate 88841-33-2
 133029-32-0, Polyaminopropyl biguanide 214542-29-7, Dimethyl
 hydroxymethyl pyrazole
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (non-enzymic biocides; antimicrobial compn. contg. enzymic biocide)

L5 ANSWER 2 OF 21 CA COPYRIGHT 2002 ACS

DUPPLICATE 2

Full Text

AN 134:143275 CA
 TI Microbicidal compositions and methods using combinations of propiconazole
 and N-alkyl heterocycles and salts thereof
 IN Oppong, David; Whittemore, Marilyn S.; Ellis, M. Sheldon; Miller, Robert
 H.; Zhou, Xiangdong; Elmore, Michael E.
 PA Buckman Laboratories International, Inc., USA
 SO PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2001010217 | A1 | 20010215 | WO 2000-US20269 | 20000726 |
| | W: AU, BR, CA, CN, FI, JP, MX, NZ, SG, ZA | | | | |
| | RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE | | | | |
| | BR 2000013331 | A | 20020402 | BR 2000-13331 | 20000726 |
| PRAI | US 1999-369298 | A | 19990806 | | |
| | WO 2000-US20269 | W | 20000726 | | |

OS MARPAT 134:143275

AB A method for increasing the effectiveness of the microbicide
 propiconazole, (RS)-1-2-[(2,4-dichlorophenyl)-2-propyl-1,3-dioxolan-
 2ylmethyl]-1H-1,2,4-triazol , is described. In the method, propiconazole
 and a potentiator, an N-alkyl heterocyclic compd., its salt, or a mixt.
 thereof, are applied to a substrate or aq. system subject to the growth of
 microorganisms. The N-alkyl heterocyclic compd. CH₃-C_nH_{2n}-(NR) [n = 5-17;
 (NR) = (un)substituted ring with 4-8 members], its salt, or a mixt.
 thereof is applied in an amt. effective to increase the microbidual
 activity of the microbicide. Microbidual compns. are described where
 propiconazole and an N-alkyl heterocyclic compd., its salt, or a mixt.
 thereof are present in a combined amt. effective to control the growth of

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at least one microorganism. Methods for controlling the growth of microorganisms on various substrates and in various aq. systems are also described. The combination of propiconazole and N-alkyl heterocyclic compd., its salt, or a mixt. thereof is particularly useful as microbical in the leather industry, the lumber industry, the papermaking industry, the textile industry, the agricultural industry, and the coating industry, as well as in industrial process waters.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 52-51-7, 2-Bromo-2-nitropropane-1,3-diol 1725-82-2, Iodopropargyl alcohol 1875-92-9D, Dimethylbenzyl ammonium chloride, N-Alkyl 2492-26-4, Sodium 2-mercaptopbenzothiazole 2634-33-5, 1,2-Benzisothiazol-3(2H)-one 2682-20-4, 2-Methyl-4-isothiazolin-3-one 3064-70-8, Bis(trichloromethyl)sulfone 10222-01-2, 2,2-Dibromo-3-nitrilopropionamide 25376-38-9, Tribromophenol 26172-55-4, 5-Chloro-2-methyl-4-isothiazolin-3-one 55406-53-6 129348-50-1
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (microbicide in microbical compns. contg. propiconazole and N-alkyl heterocycles)

L5 ANSWER 3 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 3

Full Text

AN 134:61605 CA
 TI Coating for protecting sanitary ware against contamination
 IN De Broissia, Gerald; Hulak, Isabelle
 PA S.A.H.F.F.F. Haut Fourneau, Forges et Fonderies, Fr.
 SO PCT Int. Appl., 23 pp.
 CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | WO 2001000022 | A1 | 20010104 | WO 2000-FR1750 | 20000623 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | FR 2795328 | A1 | 20001229 | FR 1999-8013 | 19990623 |

PRAI FR 1999-8013 A 19990623

AB The invention concerns a method for protecting users of sanitary ware, such as toilet seats, against biol. contamination by contact, which consists in painting the items with an anticontaminating coating compn. comprising a biocide, including a bactericide, in a proportion of 0.3-6 wt. %, preferably 0.5-5 wt. %, relative to the coating total wt. The bactericide is an isothiazole deriv., combined with a aryloxy alc., and preferably with a fungicide, such as an alkylisothiazolinone and/or derivs. of benzimidazole or of iodopropynylcarbamate.

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 112-37-8, Undecanoic acid 122-99-6, Phenoxyethanol 2634-33-5, 1,2-Benzisothiazol-3(2H)-one 2682-20-4 26172-55-4, 5-Chloro-2-methyl-3-isothiazolinone 26530-20-1, 2-Octyl-3-isothiazolinone 37953-07-4 55406-53-6 61805-96-7, Dimethylthiourea

RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL

STN Columbus

(Biological study); USES (Uses)
 (biocidal coating of sanitary ware contg.)

L5 ANSWER 4 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 4
Full Text

AN 134:163069 CA
 TI Preparation of molecular compounds containing tri-o-thymotides
 IN Kan, Shigemi; Suzuki, Hiroyuki
 PA Nippon Soda Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------|------|----------|-----------------|----------|
| PI JP 2001039971 | A2 | 20010213 | JP 1999-214305 | 19990728 |

OS MARPAT 134:163069
 AB The compds. comprise tri-o-thymotides I ($R_1-R_{12} = H$, C_{1-6} alkyl; $X = O$, S) and bactericides, fungicides, insecticides, insect repellents, perfumes, deodorants, antifouling agents, curing agents for coatings, plastics, or adhesives, curing accelerators, essential oils, antioxidants, or vulcanization accelerators. Tri-o-thymotide was treated with 5-chloro-2-methyl-4-isothiazolin-3-one in MeOH at room temp. for 24 h to give powders of 1:1 mol. compd.
 IT 52-51-7, 2-Bromo-2-nitropropane-1,3-diol 878-03-5 1897-45-6,
 2,4,5,6-Tetrachloroisophthalonitrile 1897-50-3, 5-Chloro-2,4,6-trifluoroisophthalonitrile 3696-28-4 4399-52-4, Tri-o-thymotide 13108-52-6 26172-55-4, 5-Chloro-2-methyl-4-isothiazolin-3-one 29772-02-9 42778-72-3, 2,3,3-Triiodoallyl alcohol 55406-53-6, 3-Iodopropargyl N-butylcarbamate 138569-63-8 324745-70-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (prepn. of mol. compds. contg. tri-o-thymotides)

L5 ANSWER 5 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 5
Full Text

AN 135:124156 CA
 TI Bactericide combinations in detergents
 IN Elsmore, Richard; Houghton, Mark Phillip
 PA Robert McBride Ltd., UK
 SO Brit. UK Pat. Appl., 53 pp.
 CODEN: BAXXDU
 DT Patent
 LA English
 FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| PI GB 2354771 | A1 | 20010404 | GB 1999-23253 | 19991001 |

AB The detergent comprises a bactericide in combination with an anionic, cationic, nonionic or amphoteric surfactant which has a C_{12-18} alkyl group as the longest chain attached to the hydrophilic moiety. Creduret 50 (hydrogenated ethoxylated castor oil) 50, citric acid 12, formalin 10, sodium alkyl benzene sulfonate (C_{12-20}) alkyl 1, perfume white line 0.5, detergent enzyme savingase 0.2, and bactericide Pr 4-hydroxybenzoate 1.0 parts formed a detergent, showing redn. activity after contact 2.
 IT 7757-83-7 7758-02-3, Potassium bromide (KBr), uses 7758-19-2
 7758-89-6, Copper chloride (CuCl) 7758-98-7, Sulfuric acid copper(2+) salt (1:1), uses 7758-99-8 7775-09-9 7775-27-1 7778-39-4, Arsenic acid (H_3AsO_4) 7778-43-0 7778-50-9 7778-54-3 7778-66-7 7779-27-3 7779-73-9 7779-78-4 7779-81-9 7782-44-7, Oxygen, uses 7782-50-5, Chlorine, uses 7783-20-2, Sulfuric acid diammonium salt, uses 7783-90-6, Silver chloride (AgCl), uses 7786-29-0 7786-30-3, Magnesium

STN Columbus

chloride (MgCl₂), uses 7789-09-5 7789-12-0 7789-29-9, Potassium fluoride (K(HF₂)) 7789-33-5, Iodine bromide (IBr) 7790-28-5
 7790-99-0, Iodine chloride (ICl) 7803-51-2, Phosphine 8000-41-7,
 Terpineol 8007-35-0 9001-37-0 9002-91-9 9003-07-0D, Polypropylene,
 phenol derivs. 9003-29-6 9003-63-8 9003-99-0, Peroxidase 9004-82-4
 9004-98-2 10028-15-6, Ozone, uses 10031-43-3 10032-15-2
 10043-35-3, Boric acid (H₃BO₃), uses 10049-04-4, Chlorine oxide (ClO₂)
 10058-23-8 10101-41-4 10124-37-5 10154-75-3 10187-52-7
 10198-23-9 10222-01-2 10235-63-9 10294-64-1 10332-33-9
 10339-55-6 10345-79-6 10377-60-3 10378-23-1 10380-28-6
 10453-86-8 10460-00-1 10482-56-1 10486-00-7 10543-57-4
 10588-01-9 10588-15-5 10595-49-0 10605-21-7 10605-21-7D, Methyl
 1H-benzimidazol-2-ylcarbamate, compds. with benzenesulfonic acid
 mono-C₁₀-14-alkyl derivs. 11031-45-1, Santalol 11050-62-7
 11084-85-8, Sodium hypochlorite phosphate (Na₁₃(ClO)(PO₄)₄) 11096-42-7
 12008-41-2, Boron sodium oxide (B₈Na₂₀O₁₃) 12062-24-7 12069-69-1
 12122-67-7 12124-97-9, Ammonium bromide ((NH₄)Br) 12179-04-3
 12267-73-1 12280-03-4 12427-38-2 13014-03-4 13019-22-2,
 9-Decen-1-ol 13052-19-2 13108-52-6 13149-79-6 13167-25-4
 13197-76-7 13254-34-7 13351-61-6 13426-91-0 13435-05-7
 13463-41-7 13463-67-7, Titanium oxide (TiO₂), uses 13516-27-3
 13517-11-8, Hypobromous acid 13532-18-8 13590-97-1 13701-59-2
 13707-65-8 13720-12-2 13755-29-8 13824-96-9 13826-83-0
 13840-33-0 13863-41-7, Bromine chloride (BrCl) 13877-91-3 13980-04-6
 14073-97-3 14371-10-9 14548-60-8 14576-08-0 14667-55-1
 14676-61-0D, 1-Propanamine, 3-(tridecyloxy)-, branched 14762-38-0
 14816-18-3 14915-37-8 14936-67-5 15323-35-0 15435-29-7
 15510-55-1 15627-09-5 15630-89-4 15707-23-0 15733-22-9
 15739-09-0 15809-19-5 15986-80-8 16079-88-2 16219-75-3D,
 5-Ethylidenebicyclo[2.2.1]hept-2-ene, reaction products with boron
 trifluoride and 2-propanol 16228-00-5 16409-43-1 16491-36-4
 16752-77-5 16828-95-8 16871-71-9 16893-85-9 16919-19-0
 16949-65-8 16961-83-4 17084-08-1 17342-21-1 17804-35-2
 18181-70-9 18181-80-1 18205-85-1 18339-16-7 18472-51-0
 18479-54-4 18479-57-7 18675-16-6 18675-17-7 18794-84-8
 18829-56-6 18854-01-8 18972-56-0 19014-05-2 19093-20-0
 19379-90-9 19388-87-5 19578-81-5 19766-89-3 19819-98-8
 19870-74-7 20013-73-4 20018-09-1 20543-04-8 20545-92-0
 20662-57-1 20679-58-7 20834-59-7 20859-73-8, Aluminum phosphide
 (AlP) 21129-27-1 21145-77-7 21564-17-0 21757-82-4 21834-92-4
 22009-37-6 22205-45-4, Copper sulfide (Cu₂S) 22221-10-9 22248-79-9
 22781-23-3 22882-89-9 22882-91-3 22936-75-0 22981-54-0
 23031-36-9 23495-12-7 23560-59-0 23564-05-8 23726-92-3
 23726-94-5 23787-90-8 24019-05-4 24048-13-3 24111-17-9
 24124-25-2 24291-45-0 24634-61-5 24720-09-0 24851-98-7
 25068-14-8 25155-18-4 25155-29-7 25167-82-2 25225-10-9
 25254-50-6 25265-71-8 25304-14-7 25377-70-2 25628-84-6
 25655-41-8 25988-97-0 26002-80-2 26062-79-3 **26172-55-4**
 26248-98-6 26354-18-7 26530-03-0 26530-20-1 26545-49-3
 26617-87-8 26635-93-8 26781-23-7 27083-27-8 27176-87-0
 27236-65-3 27253-29-8 27323-41-7 27697-50-3 28069-74-1
 28159-98-0 28219-61-6 28302-36-5 28387-62-4

RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
 BIOL (Biological study); USES (Uses)
 (bactericide combinations in detergents)

| | | | | | | | | | |
|----|------------|------------|------------|--|------------|------------|------------|------------|------------|
| IT | 28434-00-6 | 28434-01-7 | 28558-32-9 | 28645-51-4, Oxacycloheptadec-10-en-2-one | 28728-61-2 | 28772-56-7 | 28777-01-7 | 28805-58-5 | 29232-93-7 |
| | 29350-73-0 | 29463-06-7 | 29873-30-1 | 29873-33-4 | 29973-13-5 | | | | |
| | 30007-47-7 | 30388-01-3 | 30560-19-1 | 30772-79-3 | 31075-24-8 | | | | |
| | 31195-95-6 | 31218-83-4 | 31501-11-8 | 31512-74-0 | 31906-04-4 | | | | |
| | 32276-75-8 | 32289-58-0 | 32388-55-9 | 33089-61-1 | 33704-61-9 | | | | |
| | 33939-64-9 | 33972-49-5 | 34375-28-5 | 34395-72-7 | 34413-35-9 | | | | |

STN Columbus

34681-10-2 34911-46-1 35109-57-0 35206-70-3 35285-68-8
 35285-69-9 35367-38-5 35445-70-6 35554-44-0 35575-96-3
 35691-65-7 35950-52-8 36059-35-5 36362-09-1 36631-23-9
 36734-19-7 37139-99-4 37228-06-1 37306-10-8, Chromium copper boride
 38083-17-9 38260-54-7 38460-95-6D, 10-Undecenoyl chloride, reaction
 products with protein hydrolyzates, potassium salts 38465-60-0
 38664-03-8 38811-14-2 39236-46-9 39300-45-3 39354-45-5
 39515-40-7 39650-63-0, 1H-Benzimidazole-2-pentanamine 39660-17-8
 39758-90-2 40027-80-3 40188-41-8 40596-69-8 41096-46-2
 41877-16-1 42370-07-0 42436-34-0 42534-61-2 43143-11-9
 44992-01-0 46830-22-2 46917-07-1 50542-90-0 50650-76-5
 51015-28-2 51015-29-3 51026-28-9 51200-87-4 51566-62-2
 51580-86-0 51630-58-1 52299-20-4 52304-36-6 52315-07-8
 52513-11-8 52645-53-1 52684-21-6 52684-23-8 52918-63-5
 53082-58-9 53488-14-5 53720-80-2 53727-58-5 54262-78-1
 54406-48-3 54427-07-5, Copper boride 54464-57-2 54720-15-9
 54779-21-4 55142-08-0 55406-53-6 55566-30-8 55722-59-3
 55965-84-9 56073-07-5 56073-10-0 56148-34-6 56148-37-9
 56148-40-4 56289-76-0 56427-82-8 56709-13-8 56996-62-4, Glokill 77
 57006-76-5 57382-78-2 57413-95-3 57503-06-7 57520-17-9
 57576-09-7 57837-19-1 58206-95-4 58249-25-5 58769-20-3
 59323-76-1 59324-17-3 59355-53-2, Citrex S 5 60114-62-7D,
 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl
 derivs., inner salts 60168-88-9 60207-31-0 60207-90-1 60239-68-1
 60568-05-0 60736-58-5 60763-40-8 60784-31-8 60812-23-9
 61692-81-7 61692-84-0 61702-91-8 61842-86-2 62476-84-0D,
 Guanidine, N,N''-1,3-propanediylbis-, N-coco alkyl derivs., acetates
 62755-21-9 63085-03-0 63333-35-7 63500-71-0 63619-09-0
 63943-38-4 64359-81-5 64440-88-6 64628-44-0 64665-57-2
 64988-06-3 65059-43-0 65289-97-6 65289-98-7 65290-00-8
 65400-98-8 65630-22-0 65694-09-9 65733-16-6 65733-18-8
 66062-78-0 66063-61-4 66065-55-2D, Benzenemethanaminium,
 N-(3-aminopropyl)-N,N-dimethyl-, chloride, N-coco acyl derivs.
 66091-24-5D, 1-Propanaminium, 3-amino-N-ethyl-N,N-dimethyl-, N-lanolin
 acyl derivs., Et sulfates 66204-44-2 66215-27-8 66789-18-2
 66841-25-6 67100-72-5 67171-34-0 67185-04-0 67228-83-5
 67485-29-4 67508-69-4 67633-95-8 67633-98-1 67633-99-2
 67634-01-9 67634-12-2 67634-14-4 67634-15-5 67634-25-7
 67634-26-8 67747-09-5 67772-01-4 67801-33-6 67801-44-9
 67801-47-2 67845-46-9 67846-68-8 68085-85-8 68134-42-9
 68155-66-8 68155-67-9 68188-98-7 68213-85-4 68224-19-1
 68359-37-5 68480-15-9 68480-16-0 68527-77-5 68527-84-4
 68738-96-5 68797-57-9 68890-66-4 68901-15-5 68929-85-1
 68959-20-6 68991-96-8 68991-97-9 69094-18-4 69153-35-1
 70161-44-3 70680-04-5 70680-05-6 70754-17-5 70775-75-6
 70788-30-6 70799-70-1 70862-65-6 71297-57-9 71297-58-0
 71297-59-1 71646-36-1 72089-08-8 72490-01-8 72963-72-5
 73264-51-4 73337-96-9D, β -Alanine, N-(2-aminoethyl)-N-(2-
 hydroxyethyl)-, N-C8-18-acyl derivs. 74774-67-7
 RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
 BIOL (Biological study); USES (Uses)
 (bactericide combinations in detergents)

L5 ANSWER 6 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 6

Full Text

AN 133:152129 CA

TI Antimicrobial and anticlogging ink-jet inks

IN Morimoto, Hitoshi; Kato, Hisato; Kita, Yoko; Ishihara, Hiromi

PA Konica Co., Japan

SO Jpn. Kokai Tokkyo Koho, 15 pp.

CODEN: JKXXAF

DT Patent

STN Columbus

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | JP 2000226545 | A2 | 20000815 | JP 1999-346264 | 19991206 |
| PRAI | JP 1998-346245 | A | 19981204 | | |
| OS | MARPAT 133:152129 | | | | |
| AB | Title aq. inks contain antimicrobial agents having min. inhibitory concn. (MIC1) to bacteria (<i>Bacillus subtilis</i>) of larger than the min. inhibitory concn. (MIC2) to mildew (<i>Aspergillus niger</i>) and antimicrobial agents having MIC1 <MIC2. An aq. ink contg. C.I. direct blue 199 4, glycerol 20, 1,2-benzoisothiazolin-3-one 0.05, and 4-chloro-3-methylphenol 0.05% showed no clogging in a continuously jet-printing process over 108 runnings and gave prints with reflective d. of 0.7. | | | | |
| IT | 52-51-7, 2-Bromo-2-nitropropane-1,3-diol 59-50-7, 4-Chloro-3-methylphenol 132-27-4, Sodium o-phenylphenol 2634-33-5, 1,2-Benzisothiazol-3(2H)-one 2682-20-4 3811-73-2, Sodium 2-pyridinethiol-1-oxide 26172-55-4, 5-Chloro-2-methyl-4-isothiazolin-3-one 35691-65-7, 2-Bromo-2-bromomethylglutaronitrile 55406-53-6, 3-Iodo-2-propynylbutyl carbamate 82633-79-2, 2-Methyl-4,5-trimethylene-4-isothiazolin-3-one | | | | |
| | RL: MOA (Modifier or additive use); PRP (Properties); USES (Uses) (mildewcide and bactericide blend-contg. aq. ink-jet inks with long-lasting clogging prevention) | | | | |

L5 ANSWER 7 OF 21 CA COPYRIGHT 2002 ACS

DUPLICATE 7

Full Text

AN 131:28899 CA

TI Industrial microbicides containing alkylamine-triphenylboranes and other organic microbicides and disinfection using them

IN Tsuji, Katsuji; Ito, Seigo

PA Katayama Chemical, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 15 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | JP 11130610 | A2 | 19990518 | JP 1997-300909 | 19971031 |
| OS | MARPAT 131:28899 | | | | |
| AB | The microbicides contain (a) Ph3BNHR (I; R = C3-30 alkyl) and (b) org. N- and S-contg. microbicides, org. Br compds., org. N compds., or org. S compds. as active ingredients and show broad-spectrum activity. Disinfection is performed by simultaneously or sep. adding (a) and (b) to materials to be disinfected, e.g. papermaking water, starch slurry, latex, inks, wallpapers, cutting oils, etc. Shaking of a starch slurry in the presence of I (R = octadecyl) and 5-chloro-2-methyl-isothiazolin-3-one (1:1) at 30° for 7 days significantly decreased viable cells (<i>Pseudomonas</i> , <i>Alcaligenes</i> , <i>Bacillus</i> , <i>Cladosporium</i>). | | | | |
| IT | 52-51-7D, 2-Bromo-2-nitro-1,3-propanediol, mixts. with alkylamine-triphenylboranes 148-79-8D, 2-(4'-Thiazolyl) benzimidazole, mixts. with alkylamine-triphenylboranes 1192-52-5D, 4,5-Dichloro-1,2-dithiol-3-one, mixts. with alkylamine-triphenylboranes 1897-45-6D, 2,4,5,6-Tetrachloroisophthalonitrile, mixts. with alkylamine-triphenylboranes 2634-33-5D, 1,2-Benzisothiazolin-3-one, mixts. with alkylamine-triphenylboranes 6317-18-6D, Methylene bis thiocyanate, mixts. with alkylamine-triphenylboranes 10222-01-2D, 2,2-Dibromo-3-nitrilopropionamide, mixts. with alkylamine-triphenylboranes 10605-21-7D, 2-Methoxycarbonylaminobenzimidazole, mixts. with alkylamine-triphenylboranes 13108-52-6D, 2,3,5,6-Tetrachloro-4-(methylsulfonyl)pyridine, mixts. with alkylamine-triphenylboranes | | | | |

STN Columbus

13463-41-7 20018-09-1D, Diiodomethyl p-tolyl sulfone, mixts. with alkylamine-triphenylboranes 21564-17-0D, mixts. with alkylamine-triphenylboranes 26172-55-4D, mixts. with alkylamine-triphenylboranes 26530-20-1D, 2-n-Octyl-isothiazolin-3-one, mixts. with alkylamine-triphenylboranes 55406-53-6D, 3-Iodo-2-propynyl butylcarbamate, mixts. with alkylamine-triphenylboranes 64359-81-5D, mixts. with alkylamine-triphenylboranes 69094-18-4D, 2,2-Dibromo-2-nitroethanol, mixts. with alkylamine-triphenylboranes 226936-23-8 226936-27-2 226936-30-7 226936-32-9 226936-36-3 226936-39-6 226936-42-1 226936-44-3 226936-46-5 226936-49-8 226936-51-2 226936-54-5 226936-57-8 226936-59-0 226936-60-3 226936-61-4 226936-62-5 226936-64-7 226936-66-9 226936-69-2 226936-72-7 226936-75-0 226936-76-1 226936-78-3
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses) (broad-spectrum industrial microbicides contg. alkylamine-triphenylboranes and other org. microbicides)

L5 ANSWER 8 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 8
Full Text
AN 130:297668 CA
TI Antibacterial starch adhesives
IN Sano, Genzo
PA Yayoi Kagaku Kogyo K. K., Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|---|----------|-----------------|----------|
| PI JP 11092726 | A2 | 19990406 | JP 1997-273277 | 19970922 |
| AB | Title adhesives are obtained by mixing starch components, ZnO or MgO, and disinfectants or fungicides in neutral or acid atm. Thus, a mixt. (pH 5.0) of starch adhesive 100, ZnO 0.5, and trichlosan 0.1 part showed good antibacterial properties. | | | |
| IT | 50-00-0, Formaldehyde, uses 56-35-9 88-04-0, PCMX 90-43-7, o-Phenylphenol 92-69-3, p-Phenylphenol 123-03-5, Cetylpyridinium chloride 133-06-2, N-(Trichloromethylthio)tetrahydrophthalimide 137-26-8, Tetramethylthiuram disulfide 137-40-6, Sodium propionate 139-07-1, Dimethyllaurylbenzylammonium chloride 148-79-8, 2-(4-Thiazolyl)benzimidazole 532-32-1, Sodium benzoate 1897-45-6, 2,4,5,6-Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazol-3(2H)-one 3380-34-5 4418-26-2, Sodium dehydroacetate 10605-21-7, Methyl-2-benzimidazole carbamate 13108-52-6 17648-71-4, N,N'-Dimethyl-N'-phenyl-N-(fluorodichloromethylthio)sulfamide 17804-35-2 18472-51-0 26172-55-4, 5-Chloro-2-methyl-4-isothiazolin-3-one 55406-53-6 77352-88-6
RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses) (acidic or neutral starch adhesives contg. ZnO or MgO and disinfectants or fungicides) | | | |

L5 ANSWER 9 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 9
Full Text
AN 131:318952 CA
TI Polymeric controlled-release microbicides
IN Ghosh, Tirthankar
PA Rohm and Haas Company, USA
SO Eur. Pat. Appl., 14 pp.

STN Columbus

CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------|--|------|----------|-----------------|----------|
| PI | EP 954966 | A1 | 19991110 | EP 1999-303342 | 19990428 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO | | | | |
| | AU 9923922 | A1 | 19991111 | AU 1999-23922 | 19990422 |
| | NO 9902097 | A | 19991108 | NO 1999-2097 | 19990430 |
| | CN 1234414 | A | 19991110 | CN 1999-105299 | 19990430 |
| | BR 9901418 | A | 20010313 | BR 1999-1418 | 19990504 |
| | JP 2000001401 | A2 | 20000107 | JP 1999-125929 | 19990506 |
| PRAI | US 1998-84317P | P | 19980505 | | |
| AB | Microbicides, such as isothiazolone derivs., are incorporated into hydroxystyrene polymers for controlled-release. Applications include biocidal treatment of cooling towers, mineral slurries, adhesives, caulk, mastics, sealants, leather, plastics, wood, marine structures, etc. | | | | |
| RE.CNT 8 | THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT | | | | |
| IT | 52-51-7 101-20-2, 3,4,4'-Trichlorocarbanilide 137-26-8,
Tetramethylthiuram disulfide 137-30-4, Zinc dimethyldithiocarbamate
148-79-8, 2-(4-Thiazolyl)benzimidazole 719-96-0, N-
(Fluorodichloromethylthio)phthalimide 971-66-4 1085-98-9 1897-45-6,
Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazolin-3-one
2682-20-4, 2-Methyl-3-isothiazolone 3380-34-5 6317-18-6, Methylene
bis thiocyanate 6440-58-0 10222-01-2, 2,2-Dibromo-3-nitrilopropionamide
12122-67-7, Zineb 12427-38-2, Maneb 13108-52-6, 2,3,5,6-Tetrachloro-4-
(methylsulfonyl)pyridine 13167-25-4, 2,4,6-Trichlorophenylmaleimide
13463-41-7, Zinc 2-pyridinethiol 1-oxide 20018-09-1, Diiodomethyl
p-tolyl sulfone 21564-17-0, 2-Thiocyanomethylthiobenzothiazole
25658-72-4 26172-55-4 26530-20-1, 2-Octyl-3-isothiazolone
26656-82-6, Copper thiocyanate 30007-47-7, 5-Bromo-5-nitro-1,3-dioxane
35691-65-7, 1,2-Dibromo-2,4-dicyanobutane 39758-90-2 55406-53-6
, 3-Iodo-2-propynylbutylcarbamate 64440-88-6 67412-55-9,
N,N-Dimethyl dichlorophenylurea 82633-79-2 107846-11-7,
Bromochlorodimethylhydantoin
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(polymer-incorporated biocide for controlled-release) | | | | |

L5 ANSWER 10 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 10
Full Text

AN 131:318951 CA
 TI Controlled-release microboidal compositions
 IN Ghosh, Tirthankar
 PA Rohm and Haas Company, USA
 SO Eur. Pat. Appl., 12 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|--|------|----------|-----------------|----------|
| PI | EP 954965 | A1 | 19991110 | EP 1999-303343 | 19990428 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO | | | | |
| | AU 9923924 | A1 | 19991111 | AU 1999-23924 | 19990422 |
| | NO 9902098 | A | 19991108 | NO 1999-2098 | 19990430 |
| | CN 1234178 | A | 19991110 | CN 1999-105298 | 19990430 |
| | BR 9901414 | A | 20010313 | BR 1999-1414 | 19990504 |

STN Columbus

JP 2000001403 A2 20000107 JP 1999-125926 19990506
 PRAI US 1998-84221P P 19980505
 OS MARPAT 131:318951
 AB Thus title compns. comprise a microbicide, such as an isothiazolone deriv. and a calixarene compd. Applications include microbiol. control in cooling towers, air washers, mineral slurries, paper manuf., adhesives, caulk, mastics, sealants, cosmetics, leather, wood, plastics, etc., as well as use as marine antifouling compns.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 52-51-7 101-20-2, 3,4,4'-Trichlorocarbanilide 137-26-8,
 Tetramethylthiuram disulfide 137-30-4, Zincdimethyldithiocarbamate
 148-79-8, 2-(4-Thiazolyl)benzimidazole 719-96-0, N-
 (Fluorodichloromethylthio)phthalimide 971-66-4 1085-98-9 1897-45-6,
 Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazolin-3-one
 2682-20-4, 2-Methyl-3-isothiazolone 3380-34-5 6317-18-6, Methylene bis
 thiocyanate 6440-58-0 10222-01-2, 2,2-Dibromo-3-nitrilopropionamide
 12122-67-7, Zineb 12427-38-2 13108-52-6 13167-25-4,
 2,4,6-Trichlorophenylmaleimide 13463-41-7, Zinc 2-pyridinethiol 1-oxide
 20018-09-1, Diiodomethyl-p-tolyl sulfone 21564-17-0,
 2-Thiocyanomethylthiobenzothiazole 26172-55-4 26656-82-6,
 Copper thiocyanate 30007-47-7, 5-Bromo-5-nitro-1,3-dioxane 35691-65-7,
 1,2-Dibromo-2,4-dicyanobutane 39758-90-2 55406-53-6,
 3-Iodo-2-propynyl butylcarbamate 55986-03-3, N,N-
 Dimethylchlorophenylurea 64359-81-5, 4,5-Dichloro-2-octyl-3-
 isothiazolone 64440-88-6 107846-11-7, BromochloroDimethylhydantoin
 216006-67-6 248588-12-7
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (microbicide formulated as a controlled-release compn.)

L5 ANSWER 11 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 11

Full Text

AN 131:40955 CA
 TI Controlled-release compositions containing agricultural pesticide,
 microbicide or antifouling agent incorporated into metal oxide glass
 IN Ghosh, Tirthankar; Nungesser, Edwin Hugh
 PA Rohm and Haas Company, USA
 SO Eur. Pat. Appl., 18 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|--|------|----------|-----------------|----------|
| PI | EP 922386 | A2 | 19990616 | EP 1998-309692 | 19981125 |
| | EP 922386 | A3 | 20000126 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO | | | | |
| | US 6090399 | A | 20000718 | US 1998-189479 | 19981110 |
| | AU 9895159 | A1 | 19990701 | AU 1998-95159 | 19981201 |
| | BR 9805326 | A | 20000314 | BR 1998-5326 | 19981209 |
| | JP 11263702 | A2 | 19990928 | JP 1998-352346 | 19981211 |
| | CN 1232610 | A | 19991027 | CN 1998-123093 | 19981211 |

PRAI US 1997-69243P P 19971211

AB Disclosed are controlled-release compns. contg. biol. active compds. incorporated into metal oxide glass having a porous matrix which is prep'd. by polymg. one or more metal alkoxide monomers, optionally in the presence of a second metal alkoxide monomer. These compns. may be directly incorporated into the locus to be protected or may be applied to a structure in a coating. Thus, tetraethoxy orthosilicate and methyltriethoxy orthosilicate (mole ratio 4:1), 4,5-dichloro-2-n-octyl-3-

STN Columbus

isothiazolone (5% by wt. of the final product), and water (mole ratio of alkoxide monomers to water 1:2) were combined in a flask and homogenized by adding methanol or ethanol while stirring; then, 8-10 g of 0.01N HCl per mol of metal alkoxide monomer was added to the reaction mixt., which was allowed to polymerize at room temp. for 3-60 days to give a solid organometallic oxide glass contg. the biol. active compd. The cumulative percentages of 4,5-dichloro-2-n-octyl-3-isothiazolone released were 5, 30, 41, 50 and 64% by wt. in 0, 0.5, 2, 31, and 144 h.

IT 2682-20-4, 2-Methyl-3-isothiazolone 26172-55-4 28159-98-0,
 2-(Methylthio)-4-tert-butylamino-6-(cyclopropylamino)-s-triazine
 55406-53-6, 3-Iodo-2-propynyl butyl carbamate 64359-81-5,
 4,5-Dichloro-2-n-octyl-3-isothiazolone
 RL: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses) (controlled-release compns. contg. agricultural pesticide, microbicide or antifouling agent incorporated into metal oxide glass)

L5 ANSWER 12 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 12
Full Text

AN 130:193103 CA
 TI Controlled-release solid biocidal compositions
 IN Ghosh, Tirthankar
 PA Rohm and Haas Company, USA
 SO Eur. Pat. Appl., 11 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|------------------|----------|
| PI | EP 897666 | A1 | 19990224 | EP 1998-306217 | 19980804 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| | AU 9878655 | A1 | 19990225 | AU 1998-78655 | 19980803 |
| | TW 450786 | B | 20010821 | TW 1998-87112936 | 19980806 |
| | NO 9803624 | A | 19990215 | NO 1998-3624 | 19980807 |
| | CN 1208561 | A | 19990224 | CN 1998-118423 | 19980813 |
| | BR 9803150 | A | 19991123 | BR 1998-3150 | 19980813 |
| | JP 11116412 | A2 | 19990427 | JP 1998-229608 | 19980814 |
| | US 6149927 | A | 20001121 | US 1998-134318 | 19980814 |
| PRAI | US 1997-55750P | P | 19970814 | | |

AB The title compns. contain a biocide and zirconium hydroxide. Suitable biocides are 2-octyl-4-isothiazolin-3-one, 4,5-dichloro-2-octyl-4-isothiazolin-3-one, 5-chloro-2-methyl-4-isothiazolin-3-one, etc. Areas or utilization include cooling towers, air washers, mineral slurries, pulp and paper processing fluids, swimming pools, adhesives, wood, leather, marine structures, etc.

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 52-51-7, 2-Bromo-2-nitro-1,3-propanediol 101-20-2, 3,4,4'-Trichlorocarbonilide 126-06-7 1897-45-6, 2,4,5,6-Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazolin-3-one 2682-20-4, 2-Methyl-4-isothiazolin-3-one 3489-81-4, 2-(2,4-Dichlorophenoxy)phenol 3811-73-2, Sodium 2-pyridinethiol-1-oxide 6317-18-6, Methylenebis(thiocyanate) 10222-01-2, 2,2-Dibromo-3-nitrilopropionamide 13463-41-7, Zinc 2-pyridinethiol-1-oxide 21564-17-0, 2-(Thiocyanomethylthio)benzothiazole 26172-55-4, 5-Chloro-2-methyl-4-isothiazolin-3-one 26530-20-1, 2-Octyl-4-isothiazolin-3-one 35691-65-7, 1,2-Dibromo-2,4-dicyanobutane 55406-53-6 64359-81-5 82633-79-2

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

STN Columbus

(controlled-release solid biocidal compns. contg.)

L5 ANSWER 13 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 13
Full Text

AN 129:1699 CA
 TI Pesticide and microbicide microemulsions
 IN Nowak, Milton
 PA Troy Corp., USA
 SO PCT Int. Appl., 26 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|--|--|--|---|
| PI | WO 9818321 | A1 | 19980507 | WO 1997-US19204 | 19971029 |
| | W: | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: | GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | |
| | US 5827522 | A | 19981027 | US 1996-741038 | 19961030 |
| | AU 9850865 | A1 | 19980522 | AU 1998-50865 | 19971029 |
| | AU 736800 | B2 | 20010802 | | |
| | BR 9712397 | A | 19990831 | BR 1997-12397 | 19971029 |
| | EP 957684 | A1 | 19991124 | EP 1997-913750 | 19971029 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | |
| | NO 9902068 | A | 19990629 | NO 1999-2068 | 19990429 |
| | KR 2000052895 | A | 20000825 | KR 1999-703759 | 19990429 |
| PRAI | US 1996-741038 | A | 19961030 | | |
| | WO 1997-US19204 | W | 19971029 | | |
| AB | A water-miscible compn. consisting of a solvating surfactant, selected from alkoxylated castor oil, alkoxylated hydrogenated castor oil and an alkoxylated rosin, and a pesticide dissolved in the solvating surfactant, is useful to prep. aq. microemulsions, micellar solns. or mol. solns. upon mixing with water. | | | | |
| IT | 90-43-7, 2-Phenylphenol | 1725-81-1 | 2682-20-4, 2-Methyl-4-isothiazolin-3-one | 20018-09-1, Diiodomethyl-p-tolyl sulfone | 26172-55-4, 5-Chloro-2-methyl-4-isothiazolin-3-one 55406-53-6, IPBC |
| | 55406-54-7, Carbamic acid, cyclohexyl, 3-iodo-2-propynyl ester | 60207-31-0, Azaconazole | 65184-12-5 | 94361-06-5, Cyproconazole | 128893-09-4 |
| | RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) | (microemulsion of) | | | |

L5 ANSWER 14 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 14
Full Text

AN 130:21751 CA
 TI Controlled-release formulations of microbicides, pesticides and marine antifouling agents
 IN Ghosh, Tirthankar; Nungesser, Edwin Hugh
 PA Rohm and Haas Company, USA
 SO Eur. Pat. Appl., 13 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

STN Columbus

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--------|--|---|----------|-----------------|----------|
| PI | EP 880892 | A1 | 19981202 | EP 1998-303785 | 19980514 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| | US 6221374 | B1 | 20010424 | US 1998-73282 | 19980506 |
| | AU 9865934 | A1 | 19981203 | AU 1998-65934 | 19980514 |
| | CA 2238230 | AA | 19981128 | CA 1998-2238230 | 19980521 |
| | NO 9802324 | A | 19981130 | NO 1998-2324 | 19980522 |
| | CN 1200875 | A | 19981209 | CN 1998-109336 | 19980527 |
| | BR 9801705 | A | 20000425 | BR 1998-1705 | 19980527 |
| | JP 11012103 | A2 | 19990119 | JP 1998-146825 | 19980528 |
| PRAI | US 1997-47966P | P | 19970528 | | |
| OS | MARPAT 130:21751 | | | | |
| AB | The title biol.-active compds. are incorporated into polyphenolic compds. for sustained release. The polyphenolic compds. phenol-formaldehyde condensates, optionally cross-linked, 4,4'-biphenol, cresol-formaldehyde condensates, dicyclopentadiene-phenol resins, etc. | | | | |
| RE.CNT | 14 | THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT | | | |
| IT | 52-51-7 101-20-2, 3,4,4'-Trichlorocarbanilide 137-26-8,
Tetramethylthiuram disulfide 137-30-4, Zinc dimethyl dithiocarbamate
148-79-8, 2-(4-Thiazolyl)benzimidazole 719-96-0, N-
(Fluorodichloromethylthio)phthalimide 971-66-4 1085-98-9 1897-45-6,
Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazolin-3-one
2682-20-4, 2-Methyl-3-isothiazolone 3380-34-5, 5-Chloro-2-(2,4-
dichlorophenoxy)phenol 6317-18-6, Methylene bis thiocyanate 6440-58-0
10222-01-2, 2,2-Dibromo-3-nitrilopropionamide 12122-67-7, Zinc
ethylenebisdithiocarbamate 12427-38-2 13108-52-6, 2,3,5,6-Tetrachloro-
4-(methylsulfonyl)pyridine 13167-25-4 13463-41-7, Zinc
2-pyridinethiol-1-oxide 20018-09-1, Diiodomethyl-p-tolyl sulfone
21564-17-0, 2-Thiocyanomethylthiobenzothiazole 26172-55-4
26530-20-1, 2-Octyl-3-isothiazolone 26656-82-6, Copper thiocyanate
30007-47-7, 5-Bromo-5-nitro-1,3-dioxane 35691-65-7, 1,2-Dibromo-2,4-
dicyanobutane 55406-53-6, 3-Iodo-2-propynyl butylcarbamate
55965-84-9 64359-81-5, 4,5-Dichloro-2-Octyl-3-isothiazolone 64440-88-6
67412-55-9, N,N-Dimethyl dichlorophenylurea 82633-79-2 83364-12-9
107846-11-7, Bromochlorodimethylhydantoin 216006-67-6
RL: AGR (Agricultural use); BUU (Biological use, unclassified); BIOL
(Biological study); USES (Uses)
(controlled-release formulation of) | | | | |

L5 ANSWER 15 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 15
Full Text

AN 126:71582 CA
 TI Potentiation of biocide activity using an N-alkylheterocyclic compound
 IN Whittemore, Marilyn S.; Glover, Daniel E.; Rayudu, S. Rao
 PA Buckman Laboratories International, Inc., USA
 SO PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | WO 9638043 | A1 | 19961205 | WO 1996-US7677 | 19960528 |
| | W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI | | | | |
| | RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML | | | | |

STN Columbus

| | | | | |
|--|--|----------|-----------------|----------|
| US 6034081 | A | 20000307 | US 1995-453001 | 19950530 |
| ZA 9604131 | A | 19961127 | ZA 1996-4131 | 19960523 |
| CA 2222864 | AA | 19961205 | CA 1996-2222864 | 19960528 |
| AU 9659315 | A1 | 19961218 | AU 1996-59315 | 19960528 |
| EP 857021 | A1 | 19980812 | EP 1996-916627 | 19960528 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI | | | | |
| CN 1190869 | A | 19980819 | CN 1996-195490 | 19960528 |
| BR 9608368 | A | 19990105 | BR 1996-8368 | 19960528 |
| JP 11506103 | T2 | 19990602 | JP 1996-536575 | 19960528 |
| NO 9705501 | A | 19980130 | NO 1997-5501 | 19971128 |
| PRAI US 1995-453001 | | 19950530 | | |
| WO 1996-US7677 | | 19960528 | | |
| OS MARPAT 126:71582 | | | | |
| AB | A microbicide and an N-alkylheterocyclic compd. (Markush given) are applied to a substrate or aq. system subject to the growth of microorganisms. The microbicide is 5-chloro-2-methyl-4-isothiazolin-3-one, 2-methyl-4-isothiazoline-3-one, 2-bromo-2-nitropropane-1,3-diol, iodopropargyl butylcarbamate, etc. and the N-alkylheterocyclic compd. is N-dodecylimidazole, N-dodecylmorpholine, N-dodecyl-2,6-dimethylmorpholine, N-dodecyl-5-chloromethyl-2-oxazolidinone, etc. The mixts., which are synergistic, are particularly useful as microbicides in the leather, lumber, papermaking, and textile industry, in agriculture, for coatings, as well as in industrial process waters. | | | |
| IT | 52-51-7D, 2-Bromo-2-nitropropane-1,3-diol, mixts. with N-alkylheterocyclic compds. 122-42-9D, IPC, mixts. with N-alkylheterocyclic compds. 1541-81-7D, N-Dodecylmorpholine, mixts. contg. 1704-28-5D, N-Dodecyl-2,6-dimethylmorpholine, mixts. contg. 2634-33-5D, 1,2-Benzisothiazol-3(2H)-one, mixts. with N-alkylheterocyclic compds. 2682-20-4D, mixts. with N-alkylheterocyclic compds. 2687-96-9D, N-Dodecyl-2-pyrrolidinone, mixts. contg. 2915-94-8 4303-67-7D, N-Dodecylimidazole, mixts. contg. 5917-47-5D, N-Dodecylpiperidine, mixts. contg. 10222-01-2D, 2,2-Dibromo-3-nitrilopropionamide, mixts. with N-alkylheterocyclic compds. 20422-09-7D, mixts. contg. 25376-38-9D, Tribromophenol, mixts. with N-alkylheterocyclic compds. 26172-55-4D, 5-Chloro-2-methyl-4-isothiazolin-3-one, mixts. with N-alkylheterocyclic compds. 55406-53-6D, IPBC, mixts. with N-alkylheterocyclic compds. 79089-29-5D, mixts. contg. 152720-68-8D, mixts. contg. 152720-69-9D, mixts. contg. 152720-70-2D, mixts. contg. RL: AGR (Agricultural use); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (synergistic microbicides) | | | |

L5 ANSWER 16 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 16

Full Text

AN 124:32132 CA

TI Stain-blocking and mildewcide-resistant coating compositions

IN Thomassen, Ivar P.

PA O'Brien Corp., USA

SO U.S., 5 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | US 5460644 | A | 19951024 | US 1993-166692 | 19931214 |
| AB | A stain-blocking, mildewcide and biocide resistant aq. coating compns. contain synthetic or natural polymer and 1-25% a sol. zinc ammonium complex biocide and agent to render tannin stains insol. The zinc ammonium complex has the formula Zn(NH ₃) ₂ n X.H ₂ O (n = 4-6 and X = acetate, borate, carbonate, citrate and phosphate). | | | | |

STN Columbus

IT 64-19-7D, Acetic acid, zinc ammonium complex 77-92-9D, Citric acid, zinc ammonium complex 463-79-6D, Carbonic acid, zinc ammonium complex 1897-45-6, Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazolin-3-one 7664-38-2D, Phosphoric acid, zinc ammonium complex 10043-35-3D, Boric acid, zinc ammonium complex 26172-55-4, 5-Chloro-2-methyl-4-isothiazolin-3-one 26530-20-1 55406-53-6, 3-Iodo-2-propynyl butyl carbamate
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses)
 (stain-blocking and mildewcide-resistant coating compns.)

L5 ANSWER 17 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 17

Full Text

AN 123:284519 CA
 TI Fungicide-containing composition for prevention of deposition of urinary calculi in animal laboratory
 IN Takemura, Eiji; Nanba, Hiroki; Hagiwara, Atsuko
 PA Nippon Soda Co, Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|--|------------|-----------------|------------|
| PI JP 07148498 | A2 | 19950613 | JP 1993-321366 | 19931126 |
| AB | Urinary calculi deposition in bench and table of animal lab. is prevented with a compn. contg. fungicide, acid, and surfactant. | | | |
| IT | 148-79-8 | 10605-21-7 | 13108-52-6 | 13463-41-7 |
| | 26172-55-4 | 42778-72-3 | 43143-11-9 | 21564-17-0 |
| | 61886-37-1 | 77352-88-6 | | |
| RL: | AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(fungicide-contg. compn. for prevention of deposition of urinary calculi in animal lab.) | | | |

L5 ANSWER 18 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 18

Full Text

AN 124:236544 CA
 TI Preservation of water-based cooling lubricating oils [against microbial degradation]
 AU Anker, W.
 CS BODE Chem. G.m.b.H. und Co., Hamburg, 22525, Germany
 SO Mikrob. Materialzerstoerung Materialschutz (1995), 151-61. Editor(s): Brill, Holger. Publisher: Fischer, Jena, Germany.
 CODEN: 62OVAJ
 DT Conference; General Review
 LA German
 AB A review, with 13 refs., of biocides and biostats for water-based [esp. metalworking] cooling lubricating oils. Classes of biocides discussed include: (1) aldehydes (formaldehyde and glutaraldehyde) and aldehyde precursors (O-formals and hemiformals; N-formals, aminals, and hemiaminals; and 1,3-propanediol-type compds.), isothiazolinones, and other compds.
 IT 52-51-7, 2-Bromo-2-nitro-1,3-propanediol 126-11-4, Tris(hydroxymethyl)nitromethane 140-95-4, Dimethylolurea 2634-33-5, 1,2-Benzisothiazol-3(2H)-one 2682-20-4 2832-19-1, N-Methylolchloracetamide 3586-55-8 3811-73-2, Sodium 2-pyridinethiol-N-oxide 4719-04-4 5625-90-1, Methylenebis(morpholine) 7779-27-3, 1,3,5-Triethyl-1,3,5-hexahydrotriazine 14548-60-8 26172-55-4 26530-20-1 51200-87-4, 4,4-Dimethyloxazolidine 55406-53-6, 3-Iodo-2-propynylbutyl carbamate 66204-44-2

STN Columbus

82633-78-1

RL: BAC (Biological activity or effector, except adverse); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (biocide; classes and action mechanisms of biocides and biostats for water-based metalworking cooling lubricating oils)

L5 ANSWER 19 OF 21 CA COPYRIGHT 2002 ACS

DUPPLICATE 19

Full Text

AN 119:182960 CA

TI Washable dye-containing compositions

IN Kaiser, Richard J.; Preuninger, Gail W.

PA Binney and Smith Inc., USA

SO Eur. Pat. Appl., 11 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|-----------------------|------|----------|-----------------|----------|
| PI | EP 557115 | A1 | 19930825 | EP 1993-301225 | 19930219 |
| | R: DE, ES, FR, GB, IT | | | | |
| | AU 9333182 | A1 | 19930826 | AU 1993-33182 | 19930219 |
| | CA 2090057 | AA | 19930821 | CA 1993-2090057 | 19930222 |

PRAI US 1992-839100 19920220

AB Marking pen inks and tempera paints for children, easily washed off the skin or fabrics, comprise an acid dye, a vehicle (e.g., water), and a sulfonated phenol-formaldehyde resin, optionally with binders, extenders, preservatives, etc. A suitable compn. contained water 51.86, defoamer 0.51, binder 8.65, extenders 33.98, thickener 1.25, freeze/thaw additive 3.12, preservatives 0.63, C.I. Acid Red 388 0.5, and Intratex N 3.5 wt.%.

IT 99-76-3, Methyl p-hydroxybenzoate 111-30-8, Glutaraldehyde 2682-20-4, 2-Methyl-4-isothiazolin-3-one 26172-55-4, 5-Chloro-2-methyl-4-isothiazolin-3-one 55406-53-6, 3-Iodo-2-propynyl butylcarbamate

RL: USES (Uses)

(preservative, acid dye colorant compns. contg. sulfonated phenol-formaldehyde condensates and, for easy removal from skin or fabrics by washing)

L5 ANSWER 20 OF 21 CA COPYRIGHT 2002 ACS

DUPPLICATE 20

Full Text

AN 116:262596 CA

TI Toilet flushing water containing bactericides and fungicides

IN Suzuki, Hiroyuki; Kaneko, Tetsuya

PA Nippon Soda K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 04051959 | A2 | 19920220 | JP 1990-158612 | 19900619 |
| | JP 06083720 | B4 | 19941026 | | |

AB A bactericide (e.g. 2-bromo-2-nitropropane-1,3-diol) and a fungicide (e.g. 5-chloro-2-methyl-4-isothiazolin-3-one) are used in toilet flushing water in vehicles, such as trains, autobuses, airplanes, and ships, where the flushing water is recirculated. Odors caused by NH₃ and H₂S, and slime formation in the flushing water are controlled by the microbicides.

IT 90-43-7, O-Phenylphenol 97-23-4 719-96-0, N-(Fluorodichloromethylthio)phthalimide 1031-56-7 6317-18-6, Methylenebis(thiocyanate) 10605-21-7, 2-Benzimidazolecarbamic acid methyl ester 13108-52-6, 2,3,5,6-Tetrachloro-4-(methylsulfonyl)pyridine

STN Columbus

13463-41-7 21564-17-0 26172-55-4, 5-Chloro-2-methyl-4-
isothiazolin-3-one 55406-53-6 55965-92-9 69094-18-4,
2,2-Dibromo-2-nitroethanol
RL: AGR (Agricultural use); BAC (Biological activity or effector, except
adverse); BIOL (Biological study); USES (Uses)
(as fungicide, in toilet flushing water)

L5 ANSWER 21 OF 21 CA COPYRIGHT 2002 ACS DUPLICATE 21
Full Text

AN 118:197134 CA
TI Temporary health effects from exposure to water-borne paints
AU Ulfvarson, Ulf; Alexandersson, Rolf; Dahlqvist, Monica; Ekholm, Ulla;
Bergstrom, Bjoern; Scullman, Jan
CS Dep. Work Sci., R. Inst. Technol., Stockholm, S-100 44, Swed.
SO Scand. J. Work, Environ. Health (1992), 18(6), 376-87
CODEN: SWEHDO; ISSN: 0355-3140
DT Journal
LA English
AB Temporary health effects of exposure to exptl. paints were studied. Ten
painters having complaints from the use of water-based paints and 8
painters not having such complaints applied 8 exptl. water-based paints
according to normal work routines. The effects were a decrease in forced
vital capacity, forced expiratory vol. in 1 s, and peak expiratory flow,
an increase in urine excretion, and a decrease in urine d. A small, but
statistically highly significant, increase in the mean vol. of
erythrocytes was obsd. The effects were similar in the 2 groups, but the
group with complaints reacted with a larger urine excretion and a larger
increase in the mean vol. of erythrocytes. The effects did not influence
phys. work capacity. The effects on the lungs and urinary excretion were
probably not assocd. with the org. solvents or NH₃ in the paints. They
were probably due to derivs. of isothiazolinone.
IT 56-35-9 57-55-6, Propylene glycol, miscellaneous 84-74-2, Dibutyl
phthalate 107-20-0 107-41-5, Hexylene glycol 121-44-8,
Triethylamine, miscellaneous 122-99-6, Dalpad a 2634-33-5,
1,2-Benzisothiazol-3(2H)-one 2682-20-4 7664-41-7, Ammonia,
miscellaneous 15102-42-8 25265-77-4, Texanol 26172-55-4
55406-53-6 147172-32-5, Lusolvan FBH
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(occupational exposure to water-based paints contg., health effects of)

=> s weight ration
L6 34 WEIGHT RATION

=> s weight ratio
L7 11047 WEIGHT RATIO

=> s 16 or 17
L8 11078 L6 OR L7

=> d his

(FILE 'HOME' ENTERED AT 11:09:21 ON 26 APR 2002)

FILE 'HOME' ENTERED AT 11:11:39 ON 26 APR 2002

FILE 'REGISTRY' ENTERED AT 11:31:18 ON 26 APR 2002

L1 1 S METCONAZOLE/CN
L2 2 S 2 METHYLISOTHIAZOLIN 3 ONE
L3 1 S 3 IODO 2 PROPYNYL N BUTYLCARBAMATE

FILE 'MEDLINE, CA, CAPLUS, EMBASE, EMBAL, BIOSIS, PROMT' ENTERED AT

STN Columbus

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11:34:54 ON 26 APR 2002
L4      42 S L2 AND L3
L5      21 DUP REM L4 (21 DUPLICATES REMOVED)
L6      34 S WEIGHT RATION
L7      11047 S WEIGHT RATIO
L8      11078 S L6 OR L7

=> s l8 and l5
L9      0 L8 AND L5

=> aliphatic alcohol
ALIPHATIC IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s polar
L10     308577 POLAR

=> s aliphatic alcohol
L11     991 ALIPHATIC ALCOHOL

=> s glycol
L12     628373 GLYCOL

=> s l10 or l11 or l12
L13     929648 L10 OR L11 OR L12

=> s l13 and l5
L14     2 L13 AND L5

=> d l14 1-2 ibib, kwic

L14 ANSWER 1 OF 2 CA COPYRIGHT 2002 ACS
Full Text
ACCESSION NUMBER: 135:124156 CA
TITLE: Bactericide combinations in detergents
INVENTOR(S): Elsmore, Richard; Houghton, Mark Phillip
PATENT ASSIGNEE(S): Robert McBride Ltd., UK
SOURCE: Brit. UK Pat. Appl., 53 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

    PATENT NO.      KIND   DATE      APPLICATION NO.   DATE
    -----  -----
    GB 2354771       A1  20010404      GB 1999-23253  19991001
IT  50-00-0, Formaldehyde, uses 50-00-0D, Formaldehyde, reaction products,
uses 50-14-6 50-21-5, uses 50-65-7 50-99-7, D-Glucose, uses
51-03-6 51-28-5, uses 52-51-7 52-68-6 54-21-7 54-64-8 55-38-9
55-56-1 55-86-7 56-35-9 56-36-0 56-37-1 56-38-2 56-95-1
57-09-0 57-10-3, Hexadecanoic acid, uses 57-15-8 57-24-9,
Strychnidin-10-one 57-55-6D, Propylene glycol, reaction
products with formaldehyde 58-36-6 58-89-9 59-50-7 59-87-0
60-12-8, Benzeneethanol 60-51-5 61-73-4 62-38-4 62-56-6, Thiourea,
uses 62-73-7 63-25-2 64-18-6, Formic acid, uses 64-18-6D, Formic
acid, reaction products 64-19-7D, Acetic acid, derivs., uses 64-69-7
67-20-9 67-63-0D, 2-Propanol, reaction products with boron trifluoride
and 5-ethylidenebicyclo[2.2.1]hept-2-ene, uses 67-66-3, uses 67-68-5,
uses 67-97-0 69-72-7, uses 70-55-3 71-23-8, 1-Propanol, uses

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STN Columbus

71-41-0, 1-Pentanol, uses 72-43-5 72-56-0 74-83-9, uses 75-12-7D,
 Formamide, reaction products with formaldehyde, uses 75-21-8, Oxirane,
 uses 75-31-0, 2-Propanamine, uses 75-91-2 76-06-2 76-22-2
 76-39-1 76-87-9 77-42-9 77-48-5 77-49-6 77-78-1D, Dimethyl
 sulfate, quaternized with 9-octadecenoic acid/triethanolamine reaction
 products 77-78-1D, Dimethyl sulfate, quaternized with fatty
 acid/triethanolamine reaction products 77-92-9, uses 78-59-1 78-69-3
 78-70-6 78-79-5D, Isoprene, reaction products with acetic acid 78-83-1,
 uses 78-92-2, 2-Butanol 79-07-2 79-08-3 79-11-8, uses 79-11-8D,
 Chloroacetic acid, reaction products with N-C10-16-
 alkyltrimethylenediamines 79-11-8D, Acetic acid, chloro-, reaction
 products with diethylenetriamine N-mono- and di-C8-18-alkyl derivs., uses
 79-14-1, uses 79-20-9 79-21-0, Ethaneperoxoic acid 79-69-6
 79-92-5D, 2,2-Dimethyl-3-methylenecyclo[2.2.1]heptane, reaction products
 with 2-methoxyphenol, hydrogenated 80-26-2 80-27-3 80-46-6 80-71-7
 81-07-2D, 1,2-Benzisothiazol-3(2H)-one 1,1-dioxide, salts with quaternary
 ammonium compds., benzyl-C12-18-alkyldimethyl (1:1) 81-14-1 81-15-2
 81-81-2 81-82-3 82-66-6 83-34-1 83-79-4 84-65-1,
 9,10-Anthracenedione 84-66-2 84-74-2 85-91-6 87-10-5 87-17-2
 87-20-7 87-22-9 87-90-1 88-04-0 88-06-2 88-14-2,
 2-Furancarboxylic acid 88-84-6 89-68-9 89-78-1 89-79-2 89-83-8
 90-05-1D, Phenol, 2-methoxy-, reaction products with 2,2-dimethyl-3-
 methylenecyclo[2.2.1]heptane, hydrogenated 90-13-1 90-17-5
 90-43-7, [1,1'-Biphenyl]-2-ol 90-43-7D, [1,1'-Biphenyl]-2-ol,
 chlorinated 90-87-9 91-20-3, Naphthalene, uses 91-61-2 91-64-5,
 2H-1-Benzopyran-2-one 93-15-2 93-16-3 93-51-6 93-59-4,
 Benzenecarbperoxoic acid 93-65-2 93-69-6 93-89-0 94-13-3
 94-18-8 94-26-8 94-36-0, uses 94-96-2 95-14-7, 1H-Benzotriazole
 95-41-0 95-48-7, uses 96-24-2 96-29-7 97-23-4 97-24-5 97-54-1
 97-77-8 98-01-1, 2-Furancarboxaldehyde, uses 98-11-3D, Benzenesulfonic
 acid, mono-C10-14-alkyl derivs., compds. with Me 1H-benzimidazol-2-
 ylcarbamate, uses 98-53-3 98-55-5 99-49-0 99-76-3 99-86-5
 100-37-8 100-44-7, uses 100-51-6, Benzenemethanol, uses 100-52-7,
 Benzaldehyde, uses 100-73-2 100-86-7 100-89-0 100-97-0, uses
 101-20-2 101-21-3 101-39-3 101-53-1 101-84-8 101-85-9 102-17-0
 102-20-5 102-30-7 102-71-6D, copper complexes 102-71-6D,
 Triethanolamine, reaction products with 9-octadecenoic acid, di-Me
 sulfate-quaternized 102-98-7 103-05-9 103-26-4 103-52-6
 103-82-2, Benzenoacetic acid, uses 103-95-7 104-09-6 104-21-2
 104-29-0 104-53-0, Benzenopropanal 104-54-1 104-55-2 104-60-9
 104-61-0 104-62-1 104-67-6 104-76-7 104-78-9 104-87-0 105-01-1
 105-66-8 105-85-1 105-87-3 105-90-8 106-22-9 106-24-1 106-25-2
 106-30-9 106-44-5, uses 106-46-7 106-70-7 106-72-9 106-73-0
 106-79-6 106-88-7 106-89-8, uses 107-02-8, 2-Propenal, uses
 107-21-1D, Ethylene glycol, reaction products with formaldehyde
 107-22-2, Ethanodial 107-41-5 107-43-7 107-75-5 107-95-9D,
 β -Alanine, N-coco alkyl derivs. 108-16-7 108-39-4, uses
 108-64-5 108-80-5, 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione 108-88-3,
 uses 108-89-4 108-94-1, Cyclohexanone, uses 108-95-2, Phenol, uses
 108-95-2D, Phenol, polypropene derivs., uses 108-99-6 109-21-7
 109-89-7, uses 110-05-4 110-15-6, Butanedioic acid, uses 110-27-0
 110-38-3 110-41-8 110-44-1 110-58-7, 1-Pentanamine 110-62-3,
 Pentanal 110-75-8 110-86-1, Pyridine, uses 110-89-4, Piperidine,
 uses 111-11-5 111-27-3, 1-Hexanol, uses 111-30-8, Pentanodial
 111-40-0D, 1,2-Ethanediamine, N-(2-aminoethyl)-, reaction products with
 1-chlorooctane
 RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
 BIOL (Biological study); USES (Uses)
 (bactericide combinations in detergents)

- IT 111-40-0D, Diethylenetriamine, reaction products with chloroacetic acid,
 N-mono- and di-C8-18-alkyl derivs. 111-41-1D, 2-(2-
 Aminoethyl)aminoethanol, reaction with coco fatty acids, quaternized

STN Columbus

111-42-2, uses 111-46-6D, Diethylene glycol, reaction products with formaldehyde 111-61-5 111-81-9 111-82-0 111-85-3D, 1-Chlorooctane, reaction products with acetic acid and diethylenetriamine 111-85-3D, 1-Chlorooctane, reaction products with N-(2-aminoethyl)-1,2-ethanediamine 111-92-2 112-00-5 112-02-7 112-18-5 112-34-5D, 2-(2-Butoxyethoxy)ethanol, reaction products with formaldehyde 112-38-9, 10-Undecenoic acid 112-39-0 112-43-6, 10-Undecen-1-ol 112-45-8, 10-Undecenal 112-53-8, 1-Dodecanol 112-54-9, Dodecanal 112-59-4 112-61-8 112-69-6 112-72-1, 1-Tetradecanol 112-75-4 112-80-1D, 9-Octadecenoic acid (9Z)-, reaction products with triethanolamine, di-Me sulfate-quaternized, uses 112-90-3 113-48-4 114-26-1 114-63-6 115-29-7 115-31-1 115-32-2 115-71-9 116-25-6 117-18-0 117-52-2 118-52-5 118-55-8 118-58-1 118-71-8 118-79-6 119-36-8 119-61-9, uses 120-32-1 120-47-8 120-50-3 120-51-4 120-57-0, 1,3-Benzodioxole-5-carboxaldehyde 120-72-9, 1H-Indole, uses 121-32-4 121-33-5 121-44-8, uses 121-54-0 121-65-3 121-75-5 122-07-6 122-14-5 122-18-9 122-19-0 122-34-9 122-40-7 122-42-9 122-48-5 122-67-8 122-69-0 122-70-3 122-78-1, Benzeneacetaldehyde 122-97-4, Benzenepropanol 122-99-6 123-05-7 123-11-5, uses 123-29-5 123-30-8 123-32-0 123-66-0 124-04-9, Hexanedioic acid, uses 124-07-2, Octanoic acid, uses 124-09-4, 1,6-Hexanediamine, uses 124-13-0, Octanal 124-19-6, Nonanal 124-22-1, 1-Dodecanamine 124-43-6 124-65-2 124-76-5 126-06-7 126-11-4 126-15-8 126-91-0 127-41-3 127-43-5 127-51-5 127-65-1 127-90-2 127-91-3 128-03-0 128-04-1 128-08-5 128-09-6 129-06-6 131-11-3 131-52-2 132-27-4 133-06-2 133-07-3 133-53-9 134-20-3 134-28-1 134-62-3 135-79-5 136-45-8 136-53-8 136-77-6 136-85-6 137-16-6 137-26-8 137-30-4 137-40-6 137-41-7 137-42-8 138-93-2 139-07-1 139-08-2 140-10-3, uses 140-11-4 140-39-6 140-72-7 140-95-4 141-94-6 142-18-7 142-59-6 142-62-1, Hexanoic acid, uses 142-71-2 143-07-7, Dodecanoic acid, uses 143-08-8, 1-Nonanol 143-14-6, 9-Undecenal 143-50-0 144-55-8, Carbonic acid monosodium salt, uses 144-62-7, Ethanedioic acid, uses 147-71-7 148-24-3, 8-Quinolinol, uses 148-79-8 149-30-4, 2(3H)-Benzothiazolethione 149-57-5 150-78-7 150-84-5 151-01-9 151-21-3, uses 156-62-7 298-12-4 299-84-3 300-76-5 302-01-2, Hydrazine, uses 330-54-1 333-41-5 334-48-5, Decanoic acid 359-37-5 379-52-2 404-86-4 470-43-9 470-82-6 473-34-7 475-20-7D, reaction products with formic acid and boron trifluoride 488-10-8 489-86-1 498-81-7 499-83-2, 2,6-Pyridinedicarboxylic acid 502-61-4 504-24-5, 4-Pyridinamine 507-60-8 507-70-0 514-51-2 515-00-4 515-69-5 520-45-6 527-07-1 532-32-1 533-74-4 534-18-9 535-89-7 536-59-4 536-60-7 538-71-6 539-82-2 539-90-2 541-91-3 544-63-8, Tetradecanoic acid, uses 551-92-8 556-61-6 557-08-4 576-55-6 577-11-7 582-25-2 584-79-2 589-38-8, 3-Hexanone 589-66-2 591-12-8 597-09-1 615-62-3 620-23-5 621-82-9, uses 624-15-7 625-51-4 626-82-4 628-63-7 638-37-9, Butanodial 639-58-7 643-79-8, 1,2-Benzenedicarboxaldehyde 646-06-0, 1,3-Dioxolane 659-40-5 683-10-3 688-73-3D, Stannane, tributyl-, mono(naphthenoyloxy) derivs. 692-86-4 695-10-3D, 1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs. 696-59-3 699-02-5 705-86-2 706-14-9 719-96-0 731-27-1 762-26-5 770-35-4 789-02-6 821-55-6, 2-Nonanone 825-51-4 828-00-2 870-72-4 886-50-0 900-95-8 925-78-0, 3-Nonanone 929-73-7 959-55-7 971-66-4 991-42-4 996-35-0 1000-82-4 1066-30-4
RL: BUU (Biological use, unclassified); NUU (Other use, unclassified); BIOL (Biological study); USES (Uses)
(bactericide combinations in detergents)

IT 7757-83-7 7758-02-3, Potassium bromide (KBr), uses 7758-19-2 7758-89-6, Copper chloride (CuCl) 7758-98-7, Sulfuric acid copper(2+) salt (1:1), uses 7758-99-8 7775-09-9 7775-27-1 7778-39-4, Arsenic acid (H₃AsO₄) 7778-43-0 7778-50-9 7778-54-3 7778-66-7 7779-27-3 7779-73-9 7779-78-4 7779-81-9 7782-44-7, Oxygen, uses 7782-50-5,

STN Columbus

Chlorine, uses 7783-20-2, Sulfuric acid diammonium salt, uses
 7783-90-6, Silver chloride (AgCl), uses 7786-29-0 7786-30-3, Magnesium
 chloride (MgCl₂), uses 7789-09-5 7789-12-0 7789-29-9, Potassium
 fluoride (K(HF₂)) 7789-33-5, Iodine bromide (IBr) 7790-28-5
 7790-99-0, Iodine chloride (ICl) 7803-51-2, Phosphine 8000-41-7,
 Terpineol 8007-35-0 9001-37-0 9002-91-9 9003-07-0D, Polypropylene,
 phenol derivs. 9003-29-6 9003-63-8 9003-99-0, Peroxidase 9004-82-4
 9004-98-2 10028-15-6, Ozone, uses 10031-43-3 10032-15-2
 10043-35-3, Boric acid (H₃BO₃), uses 10049-04-4, Chlorine oxide (ClO₂)
 10058-23-8 10101-41-4 10124-37-5 10154-75-3 10187-52-7
 10198-23-9 10222-01-2 10235-63-9 10294-64-1 10332-33-9
 10339-55-6 10345-79-6 10377-60-3 10378-23-1 10380-28-6
 10453-86-8 10460-00-1 10482-56-1 10486-00-7 10543-57-4
 10588-01-9 10588-15-5 10595-49-0 10605-21-7 10605-21-7D, Methyl
 1H-benzimidazol-2-ylcarbamate, compds. with benzenesulfonic acid
 mono-C10-14-alkyl derivs. 11031-45-1, Santalol 11050-62-7
 11084-85-8, Sodium hypochlorite phosphate (Na₁₃(ClO)(PO₄)₄) 11096-42-7
 12008-41-2, Boron sodium oxide (B₈Na₂₀13) 12062-24-7 12069-69-1
 12122-67-7 12124-97-9, Ammonium bromide ((NH₄)Br) 12179-04-3
 12267-73-1 12280-03-4 12427-38-2 13014-03-4 13019-22-2,
 9-Decen-1-ol 13052-19-2 13108-52-6 13149-79-6 13167-25-4
 13197-76-7 13254-34-7 13351-61-6 13426-91-0 13435-05-7
 13463-41-7 13463-67-7, Titanium oxide (TiO₂), uses 13516-27-3
 13517-11-8, Hypobromous acid 13532-18-8 13590-97-1 13701-59-2
 13707-65-8 13720-12-2 13755-29-8 13824-96-9 13826-83-0
 13840-33-0 13863-41-7, Bromine chloride (BrCl) 13877-91-3 13980-04-6
 14073-97-3 14371-10-9 14548-60-8 14576-08-0 14667-55-1
 14676-61-0D, 1-Propanamine, 3-(tridecyloxy)-, branched 14762-38-0
 14816-18-3 14915-37-8 14936-67-5 15323-35-0 15435-29-7
 15510-55-1 15627-09-5 15630-89-4 15707-23-0 15733-22-9
 15739-09-0 15809-19-5 15986-80-8 16079-88-2 16219-75-3D,
 5-Ethylidenebicyclo[2.2.1]hept-2-ene, reaction products with boron
 trifluoride and 2-propanol 16228-00-5 16409-43-1 16491-36-4
 16752-77-5 16828-95-8 16871-71-9 16893-85-9 16919-19-0
 16949-65-8 16961-83-4 17084-08-1 17342-21-1 17804-35-2
 18181-70-9 18181-80-1 18205-85-1 18339-16-7 18472-51-0
 18479-54-4 18479-57-7 18675-16-6 18675-17-7 18794-84-8
 18829-56-6 18854-01-8 18972-56-0 19014-05-2 19093-20-0
 19379-90-9 19388-87-5 19578-81-5 19766-89-3 19819-98-8
 19870-74-7 20013-73-4 20018-09-1 20543-04-8 20545-92-0
 20662-57-1 20679-58-7 20834-59-7 20859-73-8, Aluminum phosphide
 (AlP) 21129-27-1 21145-77-7 21564-17-0 21757-82-4 21834-92-4
 22009-37-6 22205-45-4, Copper sulfide (Cu₂S) 22221-10-9 22248-79-9
 22781-23-3 22882-89-9 22882-91-3 22936-75-0 22981-54-0
 23031-36-9 23495-12-7 23560-59-0 23564-05-8 23726-92-3
 23726-94-5 23787-90-8 24019-05-4 24048-13-3 24111-17-9
 24124-25-2 24291-45-0 24634-61-5 24720-09-0 24851-98-7
 25068-14-8 25155-18-4 25155-29-7 25167-82-2 25225-10-9
 25254-50-6 25265-71-8 25304-14-7 25377-70-2 25628-84-6
 25655-41-8 25988-97-0 26002-80-2 26062-79-3 26172-55-4
 26248-98-6 26354-18-7 26530-03-0 26530-20-1 26545-49-3
 26617-87-8 26635-93-8 26781-23-7 27083-27-8 27176-87-0
 27236-65-3 27253-29-8 27323-41-7 27697-50-3 28069-74-1
 28159-98-0 28219-61-6 28302-36-5 28387-62-4
 RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
 BIOL (Biological study); USES (Uses)
 (bactericide combinations in detergents)

IT 28434-00-6 28434-01-7 28558-32-9 28645-51-4, Oxacycloheptadec-10-en-
 2-one 28728-61-2 28772-56-7 28777-01-7 28805-58-5 29232-93-7
 29350-73-0 29463-06-7 29873-30-1 29873-33-4 29973-13-5
 30007-47-7 30388-01-3 30560-19-1 30772-79-3 31075-24-8
 31195-95-6 31218-83-4 31501-11-8 31512-74-0 31906-04-4

STN Columbus

| | | | | |
|---|---|--|---|--|
| 32276-75-8 | 32289-58-0 | 32388-55-9 | 33089-61-1 | 33704-61-9 |
| 33939-64-9 | 33972-49-5 | 34375-28-5 | 34395-72-7 | 34413-35-9 |
| 34681-10-2 | 34911-46-1 | 35109-57-0 | 35206-70-3 | 35285-68-8 |
| 35285-69-9 | 35367-38-5 | 35445-70-6 | 35554-44-0 | 35575-96-3 |
| 35691-65-7 | 35950-52-8 | 36059-35-5 | 36362-09-1 | 36631-23-9 |
| 36734-19-7 | 37139-99-4 | 37228-06-1 | 37306-10-8, Chromium copper boride | |
| 38083-17-9 | 38260-54-7 | 38460-95-6D, 10-Undecenoyl chloride, reaction
products with protein hydrolyzates, potassium salts | 38465-60-0 | |
| 38664-03-8 | 38811-14-2 | 39236-46-9 | 39300-45-3 | 39354-45-5 |
| 39515-40-7 | 39650-63-0, 1H-Benzimidazole-2-pentanamine | | 39660-17-8 | |
| 39758-90-2 | 40027-80-3 | 40188-41-8 | 40596-69-8 | 41096-46-2 |
| 41877-16-1 | 42370-07-0 | 42436-34-0 | 42534-61-2 | 43143-11-9 |
| 44992-01-0 | 46830-22-2 | 46917-07-1 | 50542-90-0 | 50650-76-5 |
| 51015-28-2 | 51015-29-3 | 51026-28-9 | 51200-87-4 | 51566-62-2 |
| 51580-86-0 | 51630-58-1 | 52299-20-4 | 52304-36-6 | 52315-07-8 |
| 52513-11-8 | 52645-53-1 | 52684-21-6 | 52684-23-8 | 52918-63-5 |
| 53082-58-9 | 53488-14-5 | 53720-80-2 | 53727-58-5 | 54262-78-1 |
| 54406-48-3 | 54427-07-5, Copper boride | 54464-57-2 | 54720-15-9 | |
| 54779-21-4 | 55142-08-0 55406-53-6 | 55566-30-8 | 55722-59-3 | |
| 55965-84-9 | 56073-07-5 | 56073-10-0 | 56148-34-6 | 56148-37-9 |
| 56148-40-4 | 56289-76-0 | 56427-82-8 | 56709-13-8 | 56996-62-4, Glokill 77 |
| 57006-76-5 | 57382-78-2 | 57413-95-3 | 57503-06-7 | 57520-17-9 |
| 57576-09-7 | 57837-19-1 | 58206-95-4 | 58249-25-5 | 58769-20-3 |
| 59323-76-1 | 59324-17-3 | 59355-53-2, Citrex S 5 | 60114-62-7D,
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl
derivs., inner salts | |
| | | 60168-88-9 | 60207-31-0 | 60207-90-1 60239-68-1 |
| 60568-05-0 | 60736-58-5 | 60763-40-8 | 60784-31-8 | 60812-23-9 |
| 61692-81-7 | 61692-84-0 | 61702-91-8 | 61842-86-2 | 62476-84-0D,
Guanidine, N,N''-1,3-propanediylbis-, N-coco alkyl derivs., acetates |
| 62755-21-9 | 63085-03-0 | 63333-35-7 | 63500-71-0 | 63619-09-0 |
| 63943-38-4 | 64359-81-5 | 64440-88-6 | 64628-44-0 | 64665-57-2 |
| 64988-06-3 | 65059-43-0 | 65289-97-6 | 65289-98-7 | 65290-00-8 |
| 65400-98-8 | 65630-22-0 | 65694-09-9 | 65733-16-6 | 65733-18-8 |
| 66062-78-0 | 66063-61-4 | 66065-55-2D, Benzenemethanaminium,
N-(3-aminopropyl)-N,N-dimethyl-, chloride, N-coco acyl derivs. | | |
| 66091-24-5D | 1-Propanaminium, 3-amino-N-ethyl-N,N-dimethyl-, N-lanolin
acyl derivs., Et sulfates | 66204-44-2 | 66215-27-8 | 66789-18-2 |
| 66841-25-6 | 67100-72-5 | 67171-34-0 | 67185-04-0 | 67228-83-5 |
| 67485-29-4 | 67508-69-4 | 67633-95-8 | 67633-98-1 | 67633-99-2 |
| 67634-01-9 | 67634-12-2 | 67634-14-4 | 67634-15-5 | 67634-25-7 |
| 67634-26-8 | 67747-09-5 | 67772-01-4 | 67801-33-6 | 67801-44-9 |
| 67801-47-2 | 67845-46-9 | 67846-68-8 | 68085-85-8 | 68134-42-9 |
| 68155-66-8 | 68155-67-9 | 68188-98-7 | 68213-85-4 | 68224-19-1 |
| 68359-37-5 | 68480-15-9 | 68480-16-0 | 68527-77-5 | 68527-84-4 |
| 68738-96-5 | 68797-57-9 | 68890-66-4 | 68901-15-5 | 68929-85-1 |
| 68959-20-6 | 68991-96-8 | 68991-97-9 | 69094-18-4 | 69153-35-1 |
| 70161-44-3 | 70680-04-5 | 70680-05-6 | 70754-17-5 | 70775-75-6 |
| 70788-30-6 | 70799-70-1 | 70862-65-6 | 71297-57-9 | 71297-58-0 |
| 71297-59-1 | 71646-36-1 | 72089-08-8 | 72490-01-8 | 72963-72-5 |
| 73264-51-4 | 73337-96-9D, β -Alanine, N-(2-aminoethyl)-N-(2-hydroxyethyl)-, N-C8-18-acyl derivs. | 74774-67-7 | | |
| RL: BUU (Biological use, unclassified); NUU (Other use, unclassified); BIOL (Biological study); USES (Uses)
(bactericide combinations in detergents) | | | | |

L14 ANSWER 2 OF 2 CA COPYRIGHT 2002 ACS

Full Text

ACCESSION NUMBER: 118:197134 CA

TITLE: Temporary health effects from exposure to water-borne paints

AUTHOR(S): Ulfvarson, Ulf; Alexandersson, Rolf; Dahlqvist, Monica; Ekholm, Ulla; Bergstroem, Bjoern; Scullman,

STN Columbus

Jan
CORPORATE SOURCE: Dep. Work Sci., R. Inst. Technol., Stockholm, S-100
44, Swed.
SOURCE: Scand. J. Work, Environ. Health (1992), 18(6), 376-87
CODEN: SWEHDO; ISSN: 0355-3140
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 56-35-9 57-55-6, Propylene glycol, miscellaneous 84-74-2,
Dibutyl phthalate 107-20-0 107-41-5, Hexylene glycol
121-44-8, Triethylamine, miscellaneous 122-99-6, Dalpad a 2634-33-5,
1,2-Benzisothiazol-3(2H)-one 2682-20-4 7664-41-7, Ammonia,
miscellaneous 15102-42-8 25265-77-4, Texanol 26172-55-4
55406-53-6 147172-32-5, Lusolvan FBH
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(occupational exposure to water-based paints contg., health effects of)

| | | | |
|--|------------------|---------------|--|
| => file reg | | | |
| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION | |
| FULL ESTIMATED COST | 84.29 | 144.66 | |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION | |
| CA SUBSCRIBER PRICE | -12.39 | -12.39 | |

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STRUCTURE FILE UPDATES: 24 APR 2002 HIGHEST RN 407577-00-8
DICTIONARY FILE UPDATES: 24 APR 2002 HIGHEST RN 407577-00-8

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s n n dimethylformamide 2 2 4 trimethylpentanediolmonoisobutyrate
4039655 N
4039655 N
2 DIMETHYLFORAMIDE
13700279 2
13700279 2
11124417 4
0 TRIMETHYLPENTANEDIOLMONOISOBUTYRATE
L15 0 N N DIMETHYLFORAMIDE 2 2 4 TRIMETHYLPENTANEDIOLMONOISOBUTYRATE
(N(W)N(W)DIMETHYLFORAMIDE(W)2(W)2(W)4(W)TRIMETHYLPENTANEDIOLMO
NOISOBUTYRATE)

=> s n n dimethylformamide 2 2 4 trimethylpentanediolmonoisobutyrate
4039655 N
4039655 N
6058 DIMETHYLFORMAMIDE

STN Columbus

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13700279 2
13700279 2
11124417 4
    0 TRIMETHYLPENTANEDIOLMONOISOBUTYRATE
L16      0 N N DIMETHYLFORMAMIDE 2 2 4 TRIMETHYLPENTANEDIOLMONOISOBUTYRATE
            (N(W)N(W)DIMETHYLFORMAMIDE(W)2(W)2(W)4(W)TRIMETHYLPENTANEDIOLM
            ONOISOBUTYRATE)

=> s n n dimethylformamide
    4039655 N
    4039655 N
        6058 DIMETHYLFORMAMIDE
L17      6031 N N DIMETHYLFORMAMIDE
            (N(W)N(W)DIMETHYLFORMAMIDE)

=> s 2 2 4 trimethylpentanediolmonoisobutyrate
    13700279 2
    13700279 2
    11124417 4
        0 TRIMETHYLPENTANEDIOLMONOISOBUTYRATE
L18      0 2 2 4 TRIMETHYLPENTANEDIOLMONOISOBUTYRATE
            (2(W)2(W)4(W)TRIMETHYLPENTANEDIOLMONOISOBUTYRATE)

=> s tri methyl pentane diol mono iso butyrate
    3192136 TRI
    11180613 METHYL
        151917 PENTANE
        317788 DIOL
        618794 MONO
        459129 ISO
        6724 BUTYRATE
L19      1 TRI Methyl PENTANE DIOL MONO ISO BUTYRATE
            (TRI(W)METHYL(W)PENTANE(W)DIOL(W)MONO(W)ISO(W)BUTYRATE)

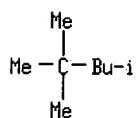
=> d 119

L19 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 37347-90-3 REGISTRY
CN Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,5-pentanediol
(9CI) (CA INDEX NAME)
OTHER NAMES:
CN 2,2,4-Trimethylpentanediol monoisobutyrate
MF C12 H24 O3
CI IDS
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL

CM 1

CRN 50986-45-3
CMF C8 H18 O2
CCI IDS

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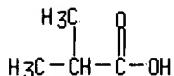


2 (D1-OH)

STN Columbus

CM 2

CRN 79-31-2
CMF C4 H8 O2



3 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> file medline, uspatfull, ca, caplus, embase, embal, biosis, promt
COST IN U.S. DOLLARS

| | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 121.56 | 266.22 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | 0.00 | -12.39 |

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FILE 'USPATFULL' ENTERED AT 11:56:43 ON 26 APR 2002
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(FILE 'HOME' ENTERED AT 11:09:21 ON 26 APR 2002)

FILE 'HOME' ENTERED AT 11:11:39 ON 26 APR 2002

FILE 'REGISTRY' ENTERED AT 11:31:18 ON 26 APR 2002

L1 1 S METCONAZOLE/CN
L2 2 S 2 METHYLISOTHIAZOLIN 3 ONE

STN Columbus

L3 1 S 3 IODO 2 PROPYNYL N BUTYLCARBAMATE

FILE 'MEDLINE, CA, CAPLUS, EMBASE, EMBAL, BIOSIS, PROMT' ENTERED AT
11:34:54 ON 26 APR 2002

L4 42 S L2 AND L3
L5 21 DUP REM L4 (21 DUPLICATES REMOVED)
L6 34 S WEIGHT RATION
L7 11047 S WEIGHT RATIO
L8 11078 S L6 OR L7
L9 0 S L8 AND L5
L10 308577 S POLAR
L11 991 S ALIPHATIC ALCOHOL
L12 628373 S GLYCOL
L13 929648 S L10 OR L11 OR L12
L14 2 S L13 AND L5

FILE 'REGISTRY' ENTERED AT 11:44:24 ON 26 APR 2002

L15 0 S N N DIMETHYLFORMAMIDE 2 2 4 TRIMETHYLPENTANEDIOLMONOISOBUTYRATE
L16 0 S N N DIMETHYLFORMAMIDE 2 2 4 TRIMETHYLPENTANEDIOLMONOISOBUTYRA
L17 6031 S N N DIMETHYLFORMAMIDE
L18 0 S 2 2 4 TRIMETHYLPENTANEDIOLMONOISOBUTYRATE
L19 1 S TRI METHYL PENTANE DIOL MONO ISO BUTYRATE

FILE 'MEDLINE, USPATFULL, CA, CAPLUS, EMBASE, EMBAL, BIOSIS, PROMT'
ENTERED AT 11:56:43 ON 26 APR 2002

=> s 12 and 13
L20 51 L2 AND L3

=> dup rem
ENTER L# LIST OR (END):120
PROCESSING COMPLETED FOR L20
L21 29 DUP REM L20 (22 DUPLICATES REMOVED)

=> s 121 not 15
L22 9 L21 NOT L5

=> d 122 1-9 bib, ab, kwic

L22 ANSWER 1 OF 9 USPATFULL

Full Text

AN 2002:48562 USPATFULL
TI Antimicrobial compositions
IN Johansen, Charlotte, Holte, DENMARK
Aaslyng, Dorrit, Vaerlose, DENMARK
PA Novozymes A/S, Bagsvaerd, DENMARK, DK-2880 (non-U.S. corporation)
PI US 2002028754 A1 20020307
AI US 2001-899689 A1 20010705 (9)
PRAI DK 2000-1121 200000721
US 2000-220538P 200000725 (60)
DT Utility
FS APPLICATION
LREP NOVOZYMES NORTH AMERICA, INC., C/O NOVO NORDISK OF NORTH AMERICA, INC.,
405 LEXINGTON AVENUE, SUITE 6400, NEW YORK, NY, 10174
CLMN Number of Claims: 18
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1105
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention provides an antimicrobial composition comprising an enzymatic component and one or more non-enzymatic biocides; a method for killing or inhibiting microbial cells comprising a treatment with the

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antimicrobial composition; and a detergent composition comprising the antimicrobial composition. The invention provides an improved antimicrobial effect.

IT 99-76-3, Methylparaben 120-47-8, Ethylparaben 2634-33-5, Benzisothiazolone 7782-44-7, Oxygen, biological studies 9000-92-4, Amylase 9001-02-9, Carbohydrase 9001-62-1, Lipase 9001-92-7, Protease 9012-54-8, Cellulase 9025-55-2, Xylanase 9032-75-1, Pectinase 26172-55-4, Methylchloroisothiazolinone 37325-54-5, Arabinase 39346-28-6, Galactanase 51377-41-4, Cutinase 60748-69-8, Mannanase 80498-15-3, Laccase 93229-67-5, Haloperoxidase (antimicrobial compn. contg. enzymic biocide)

IT 50-00-0, Formaldehyde, biological studies 52-51-7, Bronopol 54-64-8 55-56-1, Chlorhexidine 56-95-1, Chlorhexidine diacetate 57-15-8, Chlorobutanol 60-12-8, Phenethyl alcohol 62-38-4, Phenylmercuric acetate 64-17-5, Ethyl alcohol, biological studies 65-85-0, Benzoic acid, biological studies 69-72-7, Salicylic acid, biological studies 79-07-2, Chloroacetamide 90-43-7, [1,1'-Biphenyl]-2-ol 94-13-3, Propylparaben 94-18-8, Benzylparaben 94-26-8, Butylparaben 100-51-6, Benzyl alcohol, biological studies 101-20-2 110-44-1, Sorbic acid 111-30-8, Glutaraldehyde 121-54-0, Benzethonium chloride 122-99-6, Phenoxyethanol 127-82-2, Zinc phenolsulfonate 141-94-6, Hexetidine 520-45-6, Dehydroacetic acid 532-32-1, Sodium benzoate 828-00-2, Dimethoxane 1321-23-9, Chloroxylenol 1330-43-4, Sodium borate 2682-20-4, Methylisothiazolinone 3380-34-5, Triclosan 3697-42-5, Chlorhexidine dihydrochloride 4080-31-3, Quaternium 15 4191-73-5, Isopropylparaben 4247-02-3, Isobutylparaben 4418-26-2, Sodium dehydroacetate 6440-58-0 7488-56-4, Selenium disulfide 7681-55-2, Sodium iodate 10043-35-3, Boric acid, biological studies 12041-76-8, Dichlorobenzyl alcohol 13463-41-7, Zinc pyrithione 18472-51-0, Chlorhexidine digluconate 24634-61-5, Potassium sorbate 30007-47-7, 5-Bromo-5-nitro-1,3-dioxane 31512-74-0, Polyquaternium 42 35691-65-7 39236-46-9, Imidazolidinyl urea 55406-53-6 68890-66-4, Piroctone olamine 70161-44-3, Sodium hydroxymethylglycinate 88841-33-2 133029-32-0, Polyaminopropyl biguanide 214542-29-7, Dimethyl hydroxymethyl pyrazole (non-enzymic biocides; antimicrobial compn. contg. enzymic biocide)

L22 ANSWER 2 OF 9 USPATFULL

Full Text

AN 2001:59397 USPATFULL
 TI Controlled release compositions
 IN Ghosh, Tirthankar, Oreland, PA, United States
 Nungesser, Edwin H., Horsham, PA, United States
 PA Rohm and Haas Company, Philadelphia, PA, United States (U.S.
 corporation)
 PI US 6221374 B1 20010424
 AI US 1998-73282 19980506 (9)
 PRAI US 1997-47966P 19970528 (60)
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Levy, Neil S.
 LREP Cairns, S. Matthew, Crimaldi, Kenneth
 CLMN Number of Claims: 14
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 667

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are compositions containing biologically active compounds that slowly release the biologically active compound. These compositions may be directly incorporated into the locus to be protected or may be applied to a structure in a coating.

IT 52-51-7 101-20-2, 3,4,4'-Trichlorocarbanilide 137-26-8,

STN Columbus

Tetramethylthiuram disulfide 137-30-4, Zinc dimethyl dithiocarbamate 148-79-8, 2-(4-Thiazolyl)benzimidazole 719-96-0, N-(Fluorodichloromethylthio)phthalimide 971-66-4 1085-98-9 1897-45-6, Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazolin-3-one 2682-20-4, 2-Methyl-3-isothiazolone 3380-34-5, 5-Chloro-2-(2,4-dichlorophenoxy)phenol 6317-18-6, Methylene bis thiocyanate 6440-58-0 10222-01-2, 2,2-Dibromo-3-nitrilopropionamide 12122-67-7, Zinc ethylenebisdithiocarbamate 12427-38-2 13108-52-6, 2,3,5,6-Tetrachloro-4-(methylsulfonyl)pyridine 13167-25-4 13463-41-7, Zinc 2-pyridinethiol-1-oxide 20018-09-1, Diiodomethyl-p-tolyl sulfone 21564-17-0, 2-Thiocyanomethylthiobenzothiazole 26172-55-4 26530-20-1, 2-Octyl-3-isothiazolone 26656-82-6, Copper thiocyanate 30007-47-7, 5-Bromo-5-nitro-1,3-dioxane 35691-65-7, 1,2-Dibromo-2,4-dicyanobutane 55406-53-6, 3-Iodo-2-propynyl butylcarbamate 55965-84-9 64359-81-5, 4,5-Dichloro-2-Octyl-3-isothiazolone 64440-88-6 67412-55-9, N,N-Dimethyl dichlorophenylurea 82633-79-2 83364-12-9 107846-11-7, Bromochlorodimethylhydantoin 216006-67-6
(controlled-release formulation of)

L22 ANSWER 3 OF 9 USPATFULL

Full Text

AN 2000:156982 USPATFULL
TI Solid biocidal compositions
IN Ghosh, Tirthankar, Oreland, PA, United States
PA Rohm and Haas Company, Philadelphia, PA, United States (U.S. corporation)

PI US 6149927 20001121
AI US 1998-134318 19980814 (9)
PRAI US 1997-55750P 19970814 (60)

DT Utility
FS Granted

EXNAM Primary Examiner: Raymond, Richard L.
LREP Rogerson, Thomas D., Cairns, S. Matthew
CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN No Drawings

LN.CNT 683

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are solid compositions containing biocidal compounds that do not rapidly release the biocidal compounds when added to a locus to be protected and methods of controlling or inhibiting the growth of microorganisms in a locus comprising introducing into or onto the locus an effective amount of the solid compositions.

IT 52-51-7, 2-Bromo-2-nitro-1,3-propanediol 101-20-2, 3,4,4'-Trichlorocarbanilide 126-06-7 1897-45-6, 2,4,5,6-Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazolin-3-one 2682-20-4, 2-Methyl-4-isothiazolin-3-one 3489-81-4, 2-(2,4-Dichlorophenoxy)phenol 3811-73-2, Sodium 2-pyridinethiol-1-oxide 6317-18-6, Methylenebis(thiocyanate) 10222-01-2, 2,2-Dibromo-3-nitrilopropionamide 13463-41-7, Zinc 2-pyridinethiol-1-oxide 21564-17-0, 2-(Thiocyanomethylthio)benzothiazole 26172-55-4, 5-Chloro-2-methyl-4-isothiazolin-3-one 26530-20-1, 2-Octyl-4-isothiazolin-3-one 35691-65-7, 1,2-DiBromo-2,4-dicyanobutane 55406-53-6 64359-81-5 82633-79-2
(controlled-release solid biocidal compns. contg.)

L22 ANSWER 4 OF 9 USPATFULL

Full Text

AN 2000:91554 USPATFULL
TI Controlled release composition incorporating metal oxide glass comprising biologically active compound

STN Columbus

IN Ghosh, Tirthankar, Oreland, PA, United States
Nungesser, Edwin Hugh, Horsham, PA, United States
PA Rohm and Haas Company, Phila., PA, United States (U.S. corporation)
PI US 6090399 20000718
AI US 1998-189479 19981110 (9)
PRAI US 1997-69243P 19970211 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Ghali, Isis
LREP Cairns, S Matthew, Rogerson, Thomas D.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1340

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are compositions containing biologically active compounds that slowly release the biologically active compound. These compositions may be directly incorporated into the locus to be protected or may be applied to a structure in a coating.
IT 2682-20-4, 2-Methyl-3-isothiazolone 26172-55-4 28159-98-0,
2-(Methylthio)-4-tert-butylamino-6-(cyclopropylamino)-s-triazine
55406-53-6, 3-Iodo-2-propynyl butyl carbamate 64359-81-5,
4,5-Dichloro-2-n-octyl-3-isothiazolone
(controlled-release compns. contg. agricultural pesticide, microbicide or antifouling agent incorporated into metal oxide glass)

L22 ANSWER 5 OF 9 USPATFULL

Full Text

AN 2000:27977 USPATFULL
TI Potentiation of biocide activity using an N-alkyl heterocyclic compound
IN Whittemore, Marilyn S., Germantown, TN, United States
Glover, Daniel E., Brighton, TN, United States
Rayudu, S. Rao, Germantown, TN, United States
PA Buckman Laboratories International Inc, Memphis, TN, United States (U.S. corporation)
PI US 6034081 20000307
AI US 1995-453001 19950530 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Spivack, Phyllis G.
LREP Morgan, Lewis Bockius LLP
CLMN Number of Claims: 19
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 835

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method for increasing the effectiveness of a microbicide is described, wherein a microbicide and an N-alkyl heterocyclic compound are applied to a substrate or aqueous system subject to the growth of microorganisms. The N-alkyl heterocyclic compound is applied in an amount effective to increase the microbacterial activity of the microbicide. The N-alkyl heterocyclic compound has the formula: ##STR1## The variable "In" ranges from 5 to 17, and the heterocyclic ring defined by ##STR2## is a substituted or unsubstituted ring having four to eight members. Microbacterial compositions are described where the microbicide and the N-alkyl heterocyclic compound are present in a combined amount effective to control the growth of at least one microorganism. Methods for controlling the growth of microorganisms on various substrates and in various aqueous systems are also described. The combination of the microbicide and the N-alkyl heterocyclic compound is particularly useful as a microbicide in the leather industry, the lumber industry, the papermaking industry, the textile industry, the agricultural industry,

STN Columbus

and the coating industry, as well as in industrial process waters.
 IT 52-51-7D, 2-Bromo-2-nitropropane-1,3-diol, mixts. with
 N-alkylheterocyclic compds. 122-42-9D, IPC, mixts. with
 N-alkylheterocyclic compds. 1541-81-7D, N-Dodecylmorpholine, mixts.
 contg. 1704-28-5D, N-Dodecyl-2,6-dimethylmorpholine, mixts. contg.
 2634-33-5D, 1,2-Benzisothiazol-3(2H)-one, mixts. with N-alkylheterocyclic
 compds. 2682-20-4D, mixts. with N-alkylheterocyclic compds.
 2687-96-9D, N-Dodecyl-2-pyrrolidinone, mixts. contg. 2915-94-8
 4303-67-7D, N-Dodecylimidazole, mixts. contg. 5917-47-5D,
 N-Dodecylpiperidine, mixts. contg. 10222-01-2D, 2,2-Dibromo-3-
 nitrilopropionamide, mixts. with N-alkylheterocyclic compds.
 20422-09-7D, mixts. contg. 25376-38-9D, Tribromophenol, mixts. with
 N-alkylheterocyclic compds. 26172-55-4D, 5-Chloro-2-methyl-4-
 isothiazolin-3-one, mixts. with N-alkylheterocyclic compds.
55406-53-6D, IPBC, mixts. with N-alkylheterocyclic compds.
 79089-29-5D, mixts. contg. 152720-68-8D, mixts. contg. 152720-69-9D,
 mixts. contg. 152720-70-2D, mixts. contg.
 (synergistic microbicides)

L22 ANSWER 6 OF 9 USPATFULL

Full Text

AN 1999:138889 USPATFULL
 TI Self-calibration method for a sensor
 IN Kiyono, Satoshi, Sendai, Japan
 PA Mitutoyo Corporation, Kawasaki, Japan (non-U.S. corporation)
 PI US 5978743 19991102
 AI US 1998-84221 19980526 (9)
 PRAI JP 1997-142638 19970530
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Barlow, John; Assistant Examiner: Vo, Hien
 LREP Oliff Berridge, PLC
 CLMN Number of Claims: 11
 ECL Exemplary Claim: 1
 DRWN 29 Drawing Figure(s); 17 Drawing Page(s)
 LN.CNT 815

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The method of self-calibrating for a sensor without using an additional device by using data sampling, an approximate value of linear errors obtained by performing the numerical integration of approximate values of a linear-error derivative, correcting the approximate value of the input value at each sampling point, and repeating the processing for correcting the approximate value of the linear error by necessary times.
 IT 52-51-7 101-20-2, 3,4,4'-Trichlorocarbanilide 137-26-8,
 Tetramethylthiuram disulfide 137-30-4, Zincdimethyldithiocarbamate
 148-79-8, 2-(4-Thiazolyl)benzimidazole 719-96-0, N-
 (Fluorodichloromethylthio)phthalimide 971-66-4 1085-98-9 1897-45-6,
 Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazolin-3-one
 2682-20-4, 2-Methyl-3-isothiazolone 3380-34-5 6317-18-6, Methylene
 bis thiocyanate 6440-58-0 10222-01-2, 2,2-Dibromo-3-
 nitrilopropionamide 12122-67-7, Zineb 12427-38-2 13108-52-6
 13167-25-4, 2,4,6-Trichlorophenylmaleimide 13463-41-7, Zinc
 2-pyridinethiol 1-oxide 20018-09-1, Diiodomethyl-p-tolyl sulfone
 21564-17-0, 2-Thiocyanomethylthiobenzothiazole 26172-55-4
 26656-82-6, Copper thiocyanate 30007-47-7, 5-Bromo-5-nitro-1,3-dioxane
 35691-65-7, 1,2-Dibromo-2,4-dicyanobutane 39758-90-2 **55406-53-6**
 , 3-Iodo-2-propynyl butylcarbamate 55986-03-3, N,N-
 Dimethylchlorophenylurea 64359-81-5, 4,5-Dichloro-2-octyl-3-
 isothiazolone 64440-88-6 107846-11-7, BromochloroDimethylhydantoin
 216006-67-6 248588-12-7
 (microbicide formulated as a controlled-release compn.)

STN Columbus

L22 ANSWER 7 OF 9 USPATFULL

Full Text

AN 1999:14348 USPATFULL
 TI Shoe insole
 IN Mauch, Walter, Dusseldorf, Germany, Federal Republic of
 PA Margit Mauch, Duesseldorf, Germany, Federal Republic of (non-U.S.
 corporation)
 PI US 5864969 19990202
 AI US 1998-84317 19980526
 RLI Division of Ser. No. US 1997-944103, filed on 30 Sep 1997, now patented,
 Pat. No. US 5784811 which is a division of Ser. No. US 1994-200306,
 filed on 23 Feb 1994, now abandoned which is a continuation-in-part of
 Ser. No. US 1992-934466, filed on 15 Sep 1992, now abandoned
 PRAI DE 1990-U2962 19900315
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Patterson, M. D.
 LREP Nikaido Marmelstein Murray Oram LLP
 CLMN Number of Claims: 13
 ECL Exemplary Claim: 1
 DRWN 3 Drawing Figure(s); 2 Drawing Page(s)
 LN.CNT 350
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB An insole for a shoe, which massages the reflex zones of the sole of the
 foot, has a flat basic sole (1) which matches the contour of the shoe
 and cushion-shaped elevations (5) associated with the reflex zones to be
 massaged. The elevations (5) are integrally formed on the basic sole (1)
 and consist, like the basic sole (1), of elastic foamed material having
 a Shore A hardness of 30° to 45°. The height of the summit
 region (7) of an elevation (5) above the upper surface of the basic sole
 (1) is one to two times the mean thickness of the region of the basic
 sole (1) adjacent to that elevation (5). This insole is easy to
 manufacture and has optimal massage properties.
 IT 52-51-7 101-20-2, 3,4,4'-Trichlorocarbanilide 137-26-8,
 Tetramethylthiuram disulfide 137-30-4, Zinc dimethyldithiocarbamate
 148-79-8, 2-(4-Thiazolyl)benzimidazole 719-96-0, N-
 (Fluorodichloromethylthio)phthalimide 971-66-4 1085-98-9 1897-45-6,
 Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazolin-3-one
 2682-20-4, 2-Methyl-3-isothiazolone 3380-34-5 6317-18-6, Methylene
 bisthiocyanate 6440-58-0 10222-01-2, 2,2-Dibromo-3-
 nitrilopropionamide 12122-67-7, Zineb 12427-38-2, Maneb 13108-52-6,
 2,3,5,6-Tetrachloro-4-(methylsulfonyl)pyridine 13167-25-4,
 2,4,6-Trichlorophenylmaleimide 13463-41-7, Zinc 2-pyridinethiol 1-oxide
 20018-09-1, Diiodomethyl p-tolyl sulfone 21564-17-0,
 2-Thiocyanomethylthiobenzothiazole 25658-72-4 26172-55-4
 26530-20-1, 2-Octyl-3-isothiazolone 26656-82-6, Copper thiocyanate
 30007-47-7, 5-Bromo-5-nitro-1,3-dioxane 35691-65-7,
 1,2-Dibromo-2,4-dicyanobutane 39758-90-2 55406-53-6,
 3-Iodo-2-propynylbutylcarbamate 64440-88-6 67412-55-9,
 N,N-Dimethylchlorophenylurea 82633-79-2 107846-11-7,
 Bromochlorodimethylhydantoin
 (polymer-incorporated biocide for controlled-release)

L22 ANSWER 8 OF 9 USPATFULL

Full Text

AN 1998:131402 USPATFULL
 TI Microemulsion and method
 IN Nowak, Milton, South Orange, NJ, United States
 PA Troy Corporation, Florham Park, NJ, United States (U.S. corporation)
 PI US 5827522 19981027
 AI US 1996-741038 19961030 (8)
 DT Utility

STN Columbus

FS Granted
EXNAM Primary Examiner: Woodward, Michael P.; Assistant Examiner: Brumback,
Brenda G.
LREP Banner Witcoff, Ltd.
CLMN Number of Claims: 16
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 621

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A water miscible composition consisting essentially of a solvating surfactant selected from the group consisting of an alkoxylated castor oil, an alkoxylated hydrogenated castor oil and an alkoxylated rosin, and a biocidal biologically active material dissolved in said solvating surfactant useful to prepare aqueous microemulsions, micellar solutions or molecular solutions of said biocidal biologically active material upon mixing with water.
IT 90-43-7, 2-Phenylphenol 1725-81-1 2682-20-4, 2-Methyl-4-isothiazolin-3-one 20018-09-1, Diiodomethyl-p-tolyl sulfone 26172-55-4, 5-Chloro-2-methyl-4-isothiazolin-3-one 55406-53-6, IPBC 55406-54-7, Carbamic acid, cyclohexyl, 3-ido-2-propynyl ester 60207-31-0, Azaconazole 65184-12-5 94361-06-5, Cyproconazole 128893-09-4
(microemulsion of)

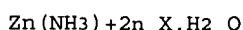
L22 ANSWER 9 OF 9 USPATFULL

Full Text

AN 95:94514 USPATFULL
TI Stain-blocking and mildewcide resistant coating compositions
IN Thomassen, Ivar P., South Bend, IN, United States
PA The O'Brien Corporation, South Bend, IN, United States (U.S.
corporation)
PI US 5460644 19951024
AI US 1993-166692 19931214 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Green, Anthony
LREP Emrich Dithmar
CLMN Number of Claims: 13
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 422

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A stain-blocking, mildewcide and biocide resistant aqueous coating compositions containing synthetic or natural polymer includes a soluble zinc ammonium complex. The zinc ammonium complex has the formula



where n is a number from 4 to 6 and X is selected from a group consisting of acetate, borate, carbonate, citrate and phosphate.

IT 64-19-7D, Acetic acid, zinc ammonium complex 77-92-9D, Citric acid, zinc ammonium complex 463-79-6D, Carbonic acid, zinc ammonium complex 1897-45-6, Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazolin-3-one 7664-38-2D, Phosphoric acid, zinc ammonium complex 10043-35-3D, Boric acid, zinc ammonium complex 26172-55-4, 5-Chloro-2-methyl-4-isothiazolin-3-one 26530-20-1 55406-53-6, 3-Iodo-2-propynyl butyl carbamate (stain-blocking and mildewcide-resistant coating compns.)

=> d his

STN Columbus

(FILE 'HOME' ENTERED AT 11:09:21 ON 26 APR 2002)

FILE 'HOME' ENTERED AT 11:11:39 ON 26 APR 2002

FILE 'REGISTRY' ENTERED AT 11:31:18 ON 26 APR 2002

L1 1 S METCONAZOLE/CN
L2 2 S 2 METHYLISOTHIAZOLIN 3 ONE
L3 1 S 3 IODO 2 PROPYNYL N BUTYLCARBAMATE

FILE 'MEDLINE, CA, CAPLUS, EMBASE, EMBAL, BIOSIS, PROMT' ENTERED AT 11:34:54 ON 26 APR 2002

L4 42 S L2 AND L3
L5 21 DUP REM L4 (21 DUPLICATES REMOVED)
L6 34 S WEIGHT RATION
L7 11047 S WEIGHT RATIO
L8 11078 S L6 OR L7
L9 0 S L8 AND L5
L10 308577 S POLAR
L11 991 S ALIPHATIC ALCOHOL
L12 628373 S GLYCOL
L13 929648 S L10 OR L11 OR L12
L14 2 S L13 AND L5

FILE 'REGISTRY' ENTERED AT 11:44:24 ON 26 APR 2002

L15 0 S N N DIMETHYLFORAMIDE 2 2 4 TRIMETHYLPENTANEDIOLMONOISOBUTYRATE
L16 0 S N N DIMETHYLFORMAMIDE 2 2 4 TRIMETHYLPENTANEDIOLMONOISOBUTYRA
L17 6031 S N N DIMETHYLFORMAMIDE
L18 0 S 2 2 4 TRIMETHYLPENTANEDIOLMONOISOBUTYRATE
L19 1 S TRI METHYL PENTANE DIOL MONO ISO BUTYRATE

FILE 'MEDLINE, USPATFULL, CA, CAPLUS, EMBASE, EMBAL, BIOSIS, PROMT' ENTERED AT 11:56:43 ON 26 APR 2002

L20 51 S L2 AND L3
L21 29 DUP REM L20 (22 DUPLICATES REMOVED)
L22 9 S L21 NOT L5

=> s l21 and l19
L23 0 L21 AND L19

=> s l21 and l17
2 FILES SEARCHED...
6 FILES SEARCHED...
L24 0 L21 AND L17

=> s l21 and l13
L25 8 L21 AND L13

=> d l25 not l14
L14 IS NOT VALID HERE
For an explanation, enter "HELP DISPLAY".

=> s l25 not l14
THE L# REFERENCING L5 CANNOT BE USED. PLEASE CONTACT AN STN HELP DESK.
L26 0 L25 NOT L14

=> d l25 1-8 ibib, kwic

L25 ANSWER 1 OF 8 USPATFULL

Full Text

ACCESSION NUMBER: 2002:48562 USPATFULL
TITLE: Antimicrobial compositions
INVENTOR(S): Johansen, Charlotte, Holte, DENMARK

STN Columbus

PATENT ASSIGNEE(S) : Aaslyng, Dorrit, Vaerlose, DENMARK
 Novozymes A/S, Bagsvaerd, DENMARK, DK-2880 (non-U.S.
 corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2002028754 | A1 | 20020307 |
| APPLICATION INFO.: | US 2001-899689 | A1 | 20010705 (9) |

| | NUMBER | DATE |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | DK 2000-1121 | 20000721 |
| | US 2000-220538P | 20000725 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | NOVOZYMES NORTH AMERICA, INC., C/O NOVO NORDISK OF
NORTH AMERICA, INC., 405 LEXINGTON AVENUE, SUITE 6400,
NEW YORK, NY, 10174 | |
| NUMBER OF CLAIMS: | 18 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 1105 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD . . . the enzymatic activity (enhancing agents), and other conventional additives known in the art for stabilizing the enzyme(s), such as polyethylene **glycol** (PEG) and polymers like polyacrylate or polyvinyl pyrrolidone.

DETD . . . are given in GB 1483591. Liquid enzyme preparations may, for instance, be stabilized by adding a polyol such as propylene **glycol**, a sugar or sugar alcohol, lactic acid or boric acid according to established methods. Protected enzymes may be prepared according. . .

DETD [0180] The detergent composition comprises one or more surfactants, which may be non-ionic including semi-**polar** and/or anionic and/or cationic and/or zwitterionic. The surfactants are typically present at a level of from 0.1% to, 60% by. . .

DETD [0184] The detergent may comprise one or more polymers. Examples are carboxymethylcellulose, poly(vinylpyrrolidone), poly(ethylene **glycol**), poly(vinyl alcohol), poly(vinylpyridine-N-oxide), poly(vinylimidazole), polycarboxylates such as polyacrylates, maleic/acrylic acid copolymers and lauryl methacrylate/acrylic acid copolymers.

DETD . . . of the detergent composition of the invention may be stabilized using conventional stabilizing agents, e.g., a polyol such as propylene **glycol** or glycerol, a sugar or sugar alcohol, lactic acid, boric acid, or a boric acid derivative, e.g., an aromatic borate. . .

IT 99-76-3, Methylparaben 120-47-8, Ethylparaben 2634-33-5, Benzisothiazolone 7782-44-7, Oxygen, biological studies 9000-92-4, Amylase 9001-02-9, Carbohydrazine 9001-62-1, Lipase 9001-92-7, Protease 9012-54-8, Cellulase 9025-55-2, Xylanase 9032-75-1, Pectinase 26172-55-4, Methylchloroisothiazolinone 37325-54-5, Arabinase 39346-28-6, Galactanase 51377-41-4, Cutinase 60748-69-8, Mannanase 80498-15-3, Laccase 93229-67-5, Haloperoxidase (antimicrobial compn. contg. enzymic biocide)

IT 50-00-0, Formaldehyde, biological studies 52-51-7, Bronopol 54-64-8 55-56-1, Chlorhexidine 56-95-1, Chlorhexidine diacetate 57-15-8, Chlorobutanol 60-12-8, Phenethyl alcohol 62-38-4, Phenylmercuric acetate 64-17-5, Ethyl alcohol, biological studies 65-85-0, Benzoic acid, biological studies 69-72-7, Salicylic acid, biological studies 79-07-2, Chloroacetamide 90-43-7, [1,1'-Biphenyl]-2-ol 94-13-3, Propylparaben 94-18-8, Benzylparaben 94-26-8, Butylparaben 100-51-6, Benzyl alcohol, biological studies 101-20-2 110-44-1, Sorbic acid 111-30-8, Glutaraldehyde 121-54-0, Benzethonium chloride 122-99-6, Phenoxyethanol 127-82-2, Zinc phenolsulfonate 141-94-6,

STN Columbus

Hexetidine 520-45-6, Dehydroacetic acid 532-32-1, Sodium benzoate 828-00-2, Dimethoxane 1321-23-9, Chloroxylenol 1330-43-4, Sodium borate 2682-20-4, Methylisothiazolinone 3380-34-5, Triclosan 3697-42-5, Chlorhexidine dihydrochloride 4080-31-3, Quaternium 15 4191-73-5, Isopropylparaben 4247-02-3, Isobutylparaben 4418-26-2, Sodium dehydroacetate 6440-58-0 7488-56-4, Selenium disulfide 7681-55-2, Sodium iodate 10043-35-3, Boric acid, biological studies 12041-76-8, Dichlorobenzyl alcohol 13463-41-7, Zinc pyrithione 18472-51-0, Chlorhexidine digluconate 24634-61-5, Potassium sorbate 30007-47-7, 5-Bromo-5-nitro-1,3-dioxane 31512-74-0, Polyquaternium 42 35691-65-7 39236-46-9, Imidazolidinyl urea 55406-53-6 68890-66-4, Piroctone olamine 70161-44-3, Sodium hydroxymethylglycinate 88841-33-2 133029-32-0, Polyaminopropyl biguanide 214542-29-7, Dimethyl hydroxymethyl pyrazole
(non-enzymic biocides; antimicrobial compn. contg. enzymic biocide)

L25 ANSWER 2 OF 8 USPATFULL

Full Text

ACCESSION NUMBER: 2001:59397 USPATFULL
 TITLE: Controlled release compositions
 INVENTOR(S): Ghosh, Tirthankar, Oreland, PA, United States
 Nungesser, Edwin H., Horsham, PA, United States
 PATENT ASSIGNEE(S): Rohm and Haas Company, Philadelphia, PA, United States
 (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|---------------|------|--------------|
| PATENT INFORMATION: | US 6221374 | B1 | 20010424 |
| APPLICATION INFO.: | US 1998-73282 | | 19980506 (9) |

| | NUMBER | DATE |
|-----------------------|---------------------------------------|---------------|
| PRIORITY INFORMATION: | US 1997-47966P | 19970528 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Levy, Neil S. | |
| LEGAL REPRESENTATIVE: | Cairns, S. Matthew, Crimaldi, Kenneth | |
| NUMBER OF CLAIMS: | 14 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 667 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . not limited to: acetonitrile, ethyl acetate, butyl acetate, toluene, xylene, methanol, ethanol, acetone, methyl ethyl ketone, methyl isobutyl ketone, ethylene glycol, diethylene glycol, propylene glycol, dipropylene glycol, and glycol ethers. When the compositions of the invention are to be used in an agricultural application, it is preferred that the. . .

SUMM . . . suitable carrier. Suitable carriers useful for microbicidal applications include, but are not limited to, water; organic solvent, such as ethylene glycol, diethylene glycol, propylene glycol, dipropylene glycol, xylene, toluene, acetone, methyl iso-butyl ketone, or esters; or mixtures thereof. The compositions may also be formulated as microemulsions, microemulsifiable. . .

CLM What is claimed is:

. . . group consisting of acetonitrile, ethyl acetate, butyl acetate, toluene, xylene, methanol, ethanol, acetone, methyl ethyl ketone, methyl iso-butyl ketone, ethylene glycol, diethylene glycol, propylene glycol, and dipropylene glycol.

IT 52-51-7 101-20-2, 3,4,4'-Trichlorocarbanilide 137-26-8, Tetramethylthiuram disulfide 137-30-4, Zinc dimethyl dithiocarbamate 148-79-8, 2-(4-Thiazolyl)benzimidazole 719-96-0, N-

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(Fluorodichloromethylthio)phthalimide 971-66-4 1085-98-9 1897-45-6,
 Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazolin-3-one
 2682-20-4, 2-Methyl-3-isothiazolone 3380-34-5, 5-Chloro-2-(2,4-
 dichlorophenoxy)phenol 6317-18-6, Methylene bis thiocyanate 6440-58-0
 10222-01-2, 2,2-Dibromo-3-nitrilopropionamide 12122-67-7, Zinc
 ethylenebisdithiocarbamate 12427-38-2 13108-52-6,
 2,3,5,6-Tetrachloro-4-(methylsulfonyl)pyridine 13167-25-4 13463-41-7,
 Zinc 2-pyridinethiol-1-oxide 20018-09-1, Diiodomethyl-p-tolyl sulfone
 21564-17-0, 2-Thiocyanomethylthiobenzothiazole 26172-55-4
 26530-20-1, 2-Octyl-3-isothiazolone 26656-82-6, Copper thiocyanate
 30007-47-7, 5-Bromo-5-nitro-1,3-dioxane 35691-65-7,
 1,2-Dibromo-2,4-dicyanobutane 55406-53-6, 3-Iodo-2-propynyl
 butylcarbamate 55965-84-9 64359-81-5, 4,5-Dichloro-2-Octyl-3-
 isothiazolone 64440-88-6 67412-55-9, N,N-Dimethyldichlorophenylurea
 82633-79-2 83364-12-9 107846-11-7, Bromochlorodimethylhydantoin
 216006-67-6
 (controlled-release formulation of)

L25 ANSWER 3 OF 8 USPATFULL

Full Text

ACCESSION NUMBER: 2000:156982 USPATFULL
 TITLE: Solid biocidal compositions
 INVENTOR(S): Ghosh, Tirthankar, Oreland, PA, United States
 PATENT ASSIGNEE(S): Rohm and Haas Company, Philadelphia, PA, United States
 (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6149927 | | 20001121 |
| APPLICATION INFO.: | US 1998-134318 | | 19980814 (9) |

| | NUMBER | DATE |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | US 1997-55750P | 19970814 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Raymond, Richard L. | |
| LEGAL REPRESENTATIVE: | Rogerson, Thomas D., Cairns, S. Matthew | |
| NUMBER OF CLAIMS: | 10 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 683 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . suitable carrier. Suitable carriers useful for microbicidal applications include, but are not limited to, water; organic solvent, such as ethylene glycol, diethylene glycol, propylene glycol, dipropylene glycol, xylene, toluene, acetone, methyl isobutyl ketone, or esters; or mixtures thereof. The compositions may also be formulated as microemulsions, microemulsifiable. . .

DETD
 Material g/L

| | |
|---|-------|
| Natrosol 250 MHR hydroxyethyl cellulose | |
| | 3.6 |
| Ethylene glycol | 30 |
| Water | 134.4 |
| Tamol 960 (40%) poly(methacrylic acid) | |
| | 8.6 |
| Triton CF-10 surfactant | |
| | 3.1 |
| Colloid 643 defoamer | 1.2 |
| Propylene glycol | 40.8 |
| Ti-Pure R-902 titanium dioxide | |

STN Columbus

| | |
|-------------------------|-------|
| | 270 |
| Minex 4 filler pigment | 191.3 |
| Icecap K filler pigment | |
| | 60 |
| Attagel 50 clay | 6 |

CLM What is claimed is:

. . . consisting of water, acetonitrile, ethyl acetate, butyl acetate, toluene, xylene, methanol, ethanol, acetone, methyl ethyl ketone, methyl isobutyl ketone, ethylene glycol, diethylene glycol, propylene glycol, and dipropylene glycol.

IT 52-51-7, 2-Bromo-2-nitro-1,3-propanediol 101-20-2, 3,4,4'—
 Trichlorocarbanilide 126-06-7 1897-45-6, 2,4,5,6—
 Tetrachloroisophthalonitrile 2634-33-5, 1,2-Benzisothiazolin-3-one
 2682-20-4, 2-Methyl-4-isothiazolin-3-one 3489-81-4,
 2-(2,4-Dichlorophenoxy)phenol 3811-73-2, Sodium 2-pyridinethiol-1-oxide
 6317-18-6, Methylenebis(thiocyanate) 10222-01-2, 2,2-Dibromo-3-
 nitrilopropionamide 13463-41-7, Zinc 2-pyridinethiol-1-oxide
 21564-17-0, 2-(Thiocyanomethylthio)benzothiazole 26172-55-4,
 5-Chloro-2-methyl-4-isothiazolin-3-one 26530-20-1, 2-Octyl-4-
 isothiazolin-3-one 35691-65-7, 1,2-DiBromo-2,4-dicyanobutane
55406-53-6 64359-81-5 82633-79-2
 (controlled-release solid biocidal compns. contg.)

L25 ANSWER 4 OF 8 USPATFULL

Full Text

ACCESSION NUMBER: 2000:91554 USPATFULL
 TITLE: Controlled release composition incorporating metal oxide glass comprising biologically active compound
 INVENTOR(S): Ghosh, Tirthankar, Oreland, PA, United States
 Nungesser, Edwin Hugh, Horsham, PA, United States
 PATENT ASSIGNEE(S): Rohm and Haas Company, Phila., PA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6090399 | | 20000718 |
| APPLICATION INFO.: | US 1998-189479 | | 19981110 (9) |

| | NUMBER | DATE |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | US 1997-69243P | 19970211 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Page, Thurman K. | |
| ASSISTANT EXAMINER: | Ghali, Isis | |
| LEGAL REPRESENTATIVE: | Cairns, S Matthew, Rogerson, Thomas D. | |
| NUMBER OF CLAIMS: | 15 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 1340 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . and $y=x-3$; and wherein the hydroxylic compound is selected from the group consisting of (C4-20)alkyl alcohols; (C7-10)aralkyl alcohols, (C2-20)glycols, poly(ethylene glycol) alkyl ethers, poly(ethylene glycol) aralkyl ethers, and poly(ethylene glycol) aryl ethers.

SUMM . . . and $y=x-3$; and wherein the hydroxylic compound is selected from the group consisting of (C4-20)alkyl alcohols; (C7-10)aralkyl alcohols; (C2-20)glycols; poly(ethylene glycol) alkyl ethers; poly(ethylene glycol) aralkyl ethers; and poly(ethylene glycol) aryl ethers.

STN Columbus

SUMM . . . least one hydroxyl group. Suitable hydroxylic compounds are selected from the group consisting of (C₄-20)alkyl alcohols; (C₇-10)aralkyl alcohols; (C₂-20)glycols; poly(ethylene glycol) alkyl ethers; poly(ethylene glycol) aralkyl ethers; and poly(ethylene glycol) aryl ethers. Suitable hydroxylic compounds include, but are not limited to: hexanol, octanol, decanol, dodecanol, benzyl alcohol, phenyl ethanol, ethylene glycol, propylene glycol, diethylene glycol, dipropylene glycol, poly(ethylene glycol), polypropylene glycol, poly(ethylene glycol) methyl ether, poly(ethylene glycol) benzyl ethers, and poly(ethylene glycol) phenyl ethers. It is preferred that the hydroxylic compounds are hexanol, octanol, decanol, dodecanol, benzyl alcohol, phenyl ethanol, (C₃-15)glycols, and poly(ethylene glycol) methyl ether. The average molecular weights of the poly(ethylene glycol) methyl ethers are preferably from 200 to 10,000, more preferably 350 to 5,000. Hydroxylic compounds having a boiling of 250°. . .

SUMM . . . Such crosslinking may be advantageous in situations where organic spacers are desired in the final glass. When alcohols or poly(ethylene glycol) methyl ethers are used as the hydroxylic compound, no crosslinking occurs between the hydroxylic compound and the metal alkoxide monomer. One of the advantages of using alcohols or poly(ethylene glycol) methyl ethers as the hydroxylic compound is that the resulting organo-metal glass contains the hydroxylic compound as a pendant group. . .

SUMM . . . liquefiable solids. When glycols are used, the organo-metal oxide glasses are mostly solids. When lower molecular weight alcohols and poly(ethylene glycol) methyl ethers are used, the organo-metal oxide glasses are liquids or solids. The organo-metal oxide glasses are solids when higher molecular weight alcohols and poly(ethylene glycol) methyl ethers are used. For example, when a poly(ethylene glycol) methyl ether having an average molecular weight of 350 is used, the resulting organo-metal oxide glass is a low melting solid, whereas the glass is a solid when a poly(ethylene glycol) methyl ether having an average molecular weight of 750 is used.

SUMM . . . are not limited to, water; organic solvent; or mixtures thereof. Suitable organic solvents include, but are not limited to: ethylene glycol, diethylene glycol, propylene glycol, dipropylene glycol, xylene, toluene, acetone, methyl iso-butyl ketone, and esters. The compositions may also be formulated as microemulsions, microemulsifiable concentrates, emulsions, emulsifiable.

DETD . . . and 2-methyl-3-isothiazolone in a 3:1 ratio.

C3 Iodopropynyl butyl carbamate

C4 2-Methylthio-4-t-butylamino-6-cyclopropylamino-s-triazine

C5 2',6'-Dibromo-2-methyl-4'-trifluoromethoxy-4-trifluoromethyl-1,3-thiazole-5-carboxanilide (also known as thifluzamide)

Hydroxylic Compound:

H1 Propylene glycol

H2 Methoxy(polyethylene) glycol MW = 350

H3 Methoxy(polyethylene) glycol MW = 750

Inert Material:

I1 Zirconium hydroxide

I2 Titanium dioxide

I3 Aluminum hydroxide

I4 para-Cresol

I5 Dextrane (a polysaccharide)

I6 Phenol-formaldehyde condensate having MW = 2000. . .

CLM What is claimed is:

. . . and y=x-3; and wherein the hydroxylic compound is selected from the group consisting of (C₄-20)alkyl alcohols; (C₇-10)aralkyl

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alcohols; (C₂-20)glycols; poly(ethylene glycol) alkyl ethers; polyethylene glycol aralkyl ethers; and poly(ethylene glycol) Bryl ethers.

. . . and y=x-3; and wherein the hydroxylic compound is selected from the group consisting of (C₄-20)alkyl alcohols; (C₇-10)aralkyl alcohols; (C₂-20)glycols; poly(ethylene glycol) alkyl ethers; poly(ethylene glycol) aralkyl ethers; and poly(ethylene glycol) aryl ethers.

IT 2682-20-4, 2-Methyl-3-isothiazolone 26172-55-4 28159-98-0,
 2-(Methylthio)-4-tert-butylamino-6-(cyclopropylamino)-s-triazine
 55406-53-6, 3-Iodo-2-propynyl butyl carbamate 64359-81-5,
 4,5-Dichloro-2-n-octyl-3-isothiazolone
 (controlled-release compns. contg. agricultural pesticide, microbicide or antifouling agent incorporated into metal oxide glass)

L25 ANSWER 5 OF 8 USPATFULL

Full Text

ACCESSION NUMBER: 2000:27977 USPATFULL
 TITLE: Potentiation of biocide activity using an N-alkyl heterocyclic compound
 INVENTOR(S): Whittemore, Marilyn S., Germantown, TN, United States
 Glover, Daniel E., Brighton, TN, United States
 Rayudu, S. Rao, Germantown, TN, United States
 PATENT ASSIGNEE(S): Buckman Laboratories International Inc, Memphis, TN, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---------------------------|------|--------------|
| PATENT INFORMATION: | US 6034081 | | 20000307 |
| APPLICATION INFO.: | US 1995-453001 | | 19950530 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Spivack, Phyllis G. | | |
| LEGAL REPRESENTATIVE: | Morgan, Lewis Bockius LLP | | |
| NUMBER OF CLAIMS: | 19 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 835 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . emulsions. 1,2-benzisothiazoline-3-one is available from ICI Specialty Chemicals, Melbourne, Australia as the product Proxel GXL-20, an aqueous solution of dipropylene glycol 20% by weight of 1,2-benzisothiazoline-3-one as the active ingredient.
 1,2-Benzisothiazoline-3-one has the following chemical structure:
 #STR9##

IT 52-51-7D, 2-Bromo-2-nitropropane-1,3-diol, mixts. with N-alkylheterocyclic compds. 122-42-9D, IPC, mixts. with N-alkylheterocyclic compds. 1541-81-7D, N-Dodecylmorpholine, mixts. contg. 1704-28-5D, N-Dodecyl-2,6-dimethylmorpholine, mixts. contg. 2634-33-5D, 1,2-Benzisothiazol-3(2H)-one, mixts. with N-alkylheterocyclic compds. 2682-20-4D, mixts. with N-alkylheterocyclic compds.. 2687-96-9D, N-Dodecyl-2-pyrrolidinone, mixts. contg. 2915-94-8 4303-67-7D, N-Dodecylimidazole, mixts. contg. 5917-47-5D, N-Dodecylpiperidine, mixts. contg. 10222-01-2D, 2,2-Dibromo-3-nitrilopropionamide, mixts. with N-alkylheterocyclic compds. 20422-09-7D, mixts. contg. 25376-38-9D, Tribromophenol, mixts. with N-alkylheterocyclic compds. 26172-55-4D, 5-Chloro-2-methyl-4-isothiazolin-3-one, mixts. with N-alkylheterocyclic compds. 55406-53-6D, IPBC, mixts. with N-alkylheterocyclic compds. 79089-29-5D, mixts. contg. 152720-68-8D, mixts. contg. 152720-69-9D, mixts. contg. 152720-70-2D, mixts. contg.

STN Columbus

(synergistic microbicides)

L25 ANSWER 6 OF 8 USPATFULL

Full Text

ACCESSION NUMBER: 1998:131402 USPATFULL
 TITLE: Microemulsion and method
 INVENTOR(S): Nowak, Milton, South Orange, NJ, United States
 PATENT ASSIGNEE(S): Troy Corporation, Florham Park, NJ, United States (U.S. corporation)

| NUMBER | KIND | DATE |
|--|--|--------------|
| PATENT INFORMATION: | US 5827522 | 19981027 |
| APPLICATION INFO.: | US 1996-741038 | 19961030 (8) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Woodward, Michael P. | |
| ASSISTANT EXAMINER: | Brumback, Brenda G. | |
| LEGAL REPRESENTATIVE: | Banner Witcoff, Ltd. | |
| NUMBER OF CLAIMS: | 16 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 621 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |
| SUMM | . . . co-surfactants are employed to produce a stable, water miscible composition. Use of an additional water immiscible solvent, an oil, a non-polar solvent, etc., is also unnecessary, though such a constituent may be advantageous in some circumstances as hereinafter described. | |
| IT | 90-43-7, 2-Phenylphenol 1725-81-1 2682-20-4, 2-Methyl-4-isothiazolin-3-one 20018-09-1, Diiodomethyl-p-tolyl sulfone 26172-55-4, 5-Chloro-2-methyl-4-isothiazolin-3-one 55406-53-6, IPBC 55406-54-7, Carbamic acid, cyclohexyl, 3-ido-2-propynyl ester 60207-31-0, Azaconazole 65184-12-5 94361-06-5, Cyproconazole 128893-09-4
(microemulsion of) | |

L25 ANSWER 7 OF 8 CA COPYRIGHT 2002 ACS

Full Text

ACCESSION NUMBER: 135:124156 CA
 TITLE: Bactericide combinations in detergents
 INVENTOR(S): Elsmore, Richard; Houghton, Mark Phillip
 PATENT ASSIGNEE(S): Robert McBride Ltd., UK
 SOURCE: Brit. UK Pat. Appl., 53 pp.
 CODEN: BAXXDU
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| GB 2354771 | A1 | 20010404 | GB 1999-23253 | 19991001 |
| IT 50-00-0, Formaldehyde, uses 50-00-0D, Formaldehyde, reaction products, uses 50-14-6 50-21-5, uses 50-65-7 50-99-7, D-Glucose, uses 51-03-6 51-28-5, uses 52-51-7 52-68-6 54-21-7 54-64-8 55-38-9 55-56-1 55-86-7 56-35-9 56-36-0 56-37-1 56-38-2 56-95-1 57-09-0 57-10-3, Hexadecanoic acid, uses 57-15-8 57-24-9, Strychnidin-10-one 57-55-6D, Propylene glycol, reaction products with formaldehyde 58-36-6 58-89-9 59-50-7 59-87-0 60-12-8, Benzeneethanol 60-51-5 61-73-4 62-38-4 62-56-6, Thiourea, uses 62-73-7 63-25-2 64-18-6, Formic acid, uses 64-18-6D, Formic acid, reaction products 64-19-7D, Acetic acid, derivs., uses 64-69-7 | | | | |

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67-20-9 67-63-0D, 2-Propanol, reaction products with boron trifluoride and 5-ethylidenebicyclo[2.2.1]hept-2-ene, uses 67-66-3, uses 67-68-5, uses 67-97-0 69-72-7, uses 70-55-3 71-23-8, 1-Propanol, uses 71-41-0, 1-Pentanol, uses 72-43-5 72-56-0 74-83-9, uses 75-12-7D, Formamide, reaction products with formaldehyde, uses 75-21-8, Oxirane, uses 75-31-0, 2-Propanamine, uses 75-91-2 76-06-2 76-22-2
76-39-1 76-87-9 77-42-9 77-48-5 77-49-6 77-78-1D, Dimethyl sulfate, quaternized with 9-octadecenoic acid/triethanolamine reaction products 77-78-1D, Dimethyl sulfate, quaternized with fatty acid/triethanolamine reaction products 77-92-9, uses 78-59-1 78-69-3 78-70-6 78-79-5D, Isoprene, reaction products with acetic acid 78-83-1, uses 78-92-2, 2-Butanol 79-07-2 79-08-3 79-11-8, uses 79-11-8D, Chloroacetic acid, reaction products with N-C10-16-alkyltrimethylenediamines 79-11-8D, Acetic acid, chloro-, reaction products with diethylenetriamine N-mono- and di-C8-18-alkyl derivs., uses 79-14-1, uses 79-20-9 79-21-0, Ethaneperoxoic acid 79-69-6
79-92-5D, 2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane, reaction products with 2-methoxyphenol, hydrogenated 80-26-2 80-27-3 80-46-6 80-71-7
81-07-2D, 1,2-Benzisothiazol-3(2H)-one 1,1-dioxide, salts with quaternary ammonium compds., benzyl-C12-18-alkyldimethyl (1:1) 81-14-1 81-15-2
81-81-2 81-82-3 82-66-6 83-34-1 83-79-4 84-65-1,
9,10-Anthracenedione 84-66-2 84-74-2 85-91-6 87-10-5 87-17-2
87-20-7 87-22-9 87-90-1 88-04-0 88-06-2 88-14-2,
2-Furancarboxylic acid 88-84-6 89-68-9 89-78-1 89-79-2 89-83-8
90-05-1D, Phenol, 2-methoxy-, reaction products with 2,2-dimethyl-3-methylenebicyclo[2.2.1]heptane, hydrogenated 90-13-1 90-17-5
90-43-7, [1,1'-Biphenyl]-2-ol 90-43-7D, [1,1'-Biphenyl]-2-ol, chlorinated 90-87-9 91-20-3, Naphthalene, uses 91-61-2 91-64-5,
2H-1-Benzopyran-2-one 93-15-2 93-16-3 93-51-6 93-59-4,
Benzene carboxylic acid 93-65-2 93-69-6 93-89-0 94-13-3
94-18-8 94-26-8 94-36-0, uses 94-96-2 95-14-7, 1H-Benzotriazole
95-41-0 95-48-7, uses 96-24-2 96-29-7 97-23-4 97-24-5 97-54-1
97-77-8 98-01-1, 2-Furancarboxaldehyde, uses 98-11-3D, Benzenesulfonic acid, mono-C10-14-alkyl derivs., compds. with Me 1H-benzimidazol-2-yl carbamate, uses 98-53-3 98-55-5 99-49-0 99-76-3 99-86-5
100-37-8 100-44-7, uses 100-51-6, Benzenemethanol, uses 100-52-7,
Benzaldehyde, uses 100-73-2 100-86-7 100-89-0 100-97-0, uses
101-20-2 101-21-3 101-39-3 101-53-1 101-84-8 101-85-9 102-17-0
102-20-5 102-30-7 102-71-6D, copper complexes 102-71-6D,
Triethanolamine, reaction products with 9-octadecenoic acid, di-Me sulfate-quaternized 102-98-7 103-05-9 103-26-4 103-52-6
103-82-2, Benzeneacetic acid, uses 103-95-7 104-09-6 104-21-2
104-29-0 104-53-0, Benzenepropanal 104-54-1 104-55-2 104-60-9
104-61-0 104-62-1 104-67-6 104-76-7 104-78-9 104-87-0 105-01-1
105-66-8 105-85-1 105-87-3 105-90-8 106-22-9 106-24-1 106-25-2
106-30-9 106-44-5, uses 106-46-7 106-70-7 106-72-9 106-73-0
106-79-6 106-88-7 106-89-8, uses 107-02-8, 2-Propenal, uses
107-21-1D, Ethylene glycol, reaction products with formaldehyde
107-22-2, Ethanodial 107-41-5 107-43-7 107-75-5 107-95-9D,
 β -Alanine, N-coco alkyl derivs. 108-16-7 108-39-4, uses
108-64-5 108-80-5, 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione 108-88-3,
uses 108-89-4 108-94-1, Cyclohexanone, uses 108-95-2, Phenol, uses
108-95-2D, Phenol, polypropene derivs., uses 108-99-6 109-21-7
109-89-7, uses 110-05-4 110-15-6, Butanedioic acid, uses 110-27-0
110-38-3 110-41-8 110-44-1 110-58-7, 1-Pentanamine 110-62-3,
Pentanal 110-75-8 110-86-1, Pyridine, uses 110-89-4, Piperidine,
uses 111-11-5 111-27-3, 1-Hexanol, uses 111-30-8, Pentanodial
111-40-0D, 1,2-Ethanediamine, N-(2-aminoethyl)-, reaction products with 1-chlorooctane
RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
BIOL (Biological study); USES (Uses)
(bactericide combinations in detergents)

STN Columbus

- IT 111-40-0D, Diethylenetriamine, reaction products with chloroacetic acid, N-mono- and di-C8-18-alkyl derivs. 111-41-1D, 2-(2-Aminoethyl)aminoethanol, reaction with coco fatty acids, quaternized 111-42-2, uses 111-46-6D, Diethylene glycol, reaction products with formaldehyde 111-61-5 111-81-9 111-82-0 111-85-3D, 1-Chlorooctane, reaction products with acetic acid and diethylenetriamine 111-85-3D, 1-Chlorooctane, reaction products with N-(2-aminoethyl)-1,2-ethanediamine 111-92-2 112-00-5 112-02-7 112-18-5 112-34-5D, 2-(2-Butoxyethoxy)ethanol, reaction products with formaldehyde 112-38-9, 10-Undecenoic acid 112-39-0 112-43-6, 10-Undecen-1-ol 112-45-8, 10-Undecenal 112-53-8, 1-Dodecanol 112-54-9, Dodecanal 112-59-4 112-61-8 112-69-6 112-72-1, 1-Tetradecanol 112-75-4 112-80-1D, 9-Octadecenoic acid (9Z)-, reaction products with triethanolamine, di-Me sulfate-quaternized, uses 112-90-3 113-48-4 114-26-1 114-63-6 115-29-7 115-31-1 115-32-2 115-71-9 116-25-6 117-18-0 117-52-2 118-52-5 118-55-8 118-58-1 118-71-8 118-79-6 119-36-8 119-61-9, uses 120-32-1 120-47-8 120-50-3 120-51-4 120-57-0, 1,3-Benzodioxole-5-carboxaldehyde 120-72-9, 1H-Indole, uses 121-32-4 121-33-5 121-44-8, uses 121-54-0 121-65-3 121-75-5 122-07-6 122-14-5 122-18-9 122-19-0 122-34-9 122-40-7 122-42-9 122-48-5 122-67-8 122-69-0 122-70-3 122-78-1, Benzeneacetaldehyde 122-97-4, Benzenepropanol 122-99-6 123-05-7 123-11-5, uses 123-29-5 123-30-8 123-32-0 123-66-0 124-04-9, Hexanedioic acid, uses 124-07-2, Octanoic acid, uses 124-09-4, 1,6-Hexanediamine, uses 124-13-0, Octanal 124-19-6, Nonanal 124-22-1, 1-Dodecanamine 124-43-6 124-65-2 124-76-5 126-06-7 126-11-4 126-15-8 126-91-0 127-41-3 127-43-5 127-51-5 127-65-1 127-90-2 127-91-3 128-03-0 128-04-1 128-08-5 128-09-6 129-06-6 131-11-3 131-52-2 132-27-4 133-06-2 133-07-3 133-53-9 134-20-3 134-28-1 134-62-3 135-79-5 136-45-8 136-53-8 136-77-6 136-85-6 137-16-6 137-26-8 137-30-4 137-40-6 137-41-7 137-42-8 138-93-2 139-07-1 139-08-2 140-10-3, uses 140-11-4 140-39-6 140-72-7 140-95-4 141-94-6 142-18-7 142-59-6 142-62-1, Hexanoic acid, uses 142-71-2 143-07-7, Dodecanoic acid, uses 143-08-8, 1-Nonanol 143-14-6, 9-Undecenal 143-50-0 144-55-8, Carbonic acid monosodium salt, uses 144-62-7, Ethanedioic acid, uses 147-71-7 148-24-3, 8-Quinolinol, uses 148-79-8 149-30-4, 2(3H)-Benzothiazolethione 149-57-5 150-78-7 150-84-5 151-01-9 151-21-3, uses 156-62-7 298-12-4 299-84-3 300-76-5 302-01-2, Hydrazine, uses 330-54-1 333-41-5 334-48-5, Decanoic acid 359-37-5 379-52-2 404-86-4 470-43-9 470-82-6 473-34-7 475-20-7D, reaction products with formic acid and boron trifluoride 488-10-8 489-86-1 498-81-7 499-83-2, 2,6-Pyridinedicarboxylic acid 502-61-4 504-24-5, 4-Pyridinamine 507-60-8 507-70-0 514-51-2 515-00-4 515-69-5 520-45-6 527-07-1 532-32-1 533-74-4 534-18-9 535-89-7 536-59-4 536-60-7 538-71-6 539-82-2 539-90-2 541-91-3 544-63-8, Tetradecanoic acid, uses 551-92-8 556-61-6 557-08-4 576-55-6 577-11-7 582-25-2 584-79-2 589-38-8, 3-Hexanone 589-66-2 591-12-8 597-09-1 615-62-3 620-23-5 621-82-9, uses 624-15-7 625-51-4 626-82-4 628-63-7 638-37-9, Butanodial 639-58-7 643-79-8, 1,2-Benzeneddicarboxaldehyde 646-06-0, 1,3-Dioxolane 659-40-5 683-10-3 688-73-3D, Stannane, tributyl-, mono(naphthenoyloxy) derivs. 692-86-4 695-10-3D, 1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs. 696-59-3 699-02-5 705-86-2 706-14-9 719-96-0 731-27-1 762-26-5 770-35-4 789-02-6 821-55-6, 2-Nonanone 825-51-4 828-00-2 870-72-4 886-50-0 900-95-8 925-78-0, 3-Nonanone 929-73-7 959-55-7 971-66-4 991-42-4 996-35-0 1000-82-4 1066-30-4
RL: BUU (Biological use, unclassified); NUU (Other use, unclassified); BIOL (Biological study); USES (Uses)
(bactericide combinations in detergents)
- IT 7757-83-7 7758-02-3, Potassium bromide (KBr), uses 7758-19-2 7758-89-6, Copper chloride (CuCl) 7758-98-7, Sulfuric acid copper(2+)

STN Columbus

salt (1:1), uses 7758-99-8 7775-09-9 7775-27-1 7778-39-4, Arsenic acid (H₃AsO₄) 7778-43-0 7778-50-9 7778-54-3 7778-66-7 7779-27-3 7779-73-9 7779-78-4 7779-81-9 7782-44-7, Oxygen, uses 7782-50-5, Chlorine, uses 7783-20-2, Sulfuric acid diammonium salt, uses 7783-90-6, Silver chloride (AgCl), uses 7786-29-0 7786-30-3, Magnesium chloride (MgCl₂), uses 7789-09-5 7789-12-0 7789-29-9, Potassium fluoride (K(HF₂)) 7789-33-5, Iodine bromide (IBr) 7790-28-5 7790-99-0, Iodine chloride (ICl) 7803-51-2, Phosphine 8000-41-7, Terpineol 8007-35-0 9001-37-0 9002-91-9 9003-07-0D, Polypropylene, phenol derivs. 9003-29-6 9003-63-8 9003-99-0, Peroxidase 9004-82-4 9004-98-2 10028-15-6, Ozone, uses 10031-43-3 10032-15-2 10043-35-3, Boric acid (H₃BO₃), uses 10049-04-4, Chlorine oxide (ClO₂) 10058-23-8 10101-41-4 10124-37-5 10154-75-3 10187-52-7 10198-23-9 10222-01-2 10235-63-9 10294-64-1 10332-33-9 10339-55-6 10345-79-6 10377-60-3 10378-23-1 10380-28-6 10453-86-8 10460-00-1 10482-56-1 10486-00-7 10543-57-4 10588-01-9 10588-15-5 10595-49-0 10605-21-7 10605-21-7D, Methyl 1H-benzimidazol-2-ylcarbamate, compds. with benzenesulfonic acid mono-C₁₀-14-alkyl derivs. 11031-45-1, Santalol 11050-62-7 11084-85-8, Sodium hypochlorite phosphate (Na₃(ClO)(PO₄)₄) 11096-42-7 12008-41-2, Boron sodium oxide (B₈Na₂O₁₃) 12062-24-7 12069-69-1 12122-67-7 12124-97-9, Ammonium bromide ((NH₄)Br) 12179-04-3 12267-73-1 12280-03-4 12427-38-2 13014-03-4 13019-22-2, 9-Decen-1-ol 13052-19-2 13108-52-6 13149-79-6 13167-25-4 13197-76-7 13254-34-7 13351-61-6 13426-91-0 13435-05-7 13463-41-7 13463-67-7, Titanium oxide (TiO₂), uses 13516-27-3 13517-11-8, Hypobromous acid 13532-18-8 13590-97-1 13701-59-2 13707-65-8 13720-12-2 13755-29-8 13824-96-9 13826-83-0 13840-33-0 13863-41-7, Bromine chloride (BrCl) 13877-91-3 13980-04-6 14073-97-3 14371-10-9 14548-60-8 14576-08-0 14667-55-1 14676-61-0D, 1-Propanamine, 3-(tridecyloxy)-, branched 14762-38-0 14816-18-3 14915-37-8 14936-67-5 15323-35-0 15435-29-7 15510-55-1 15627-09-5 15630-89-4 15707-23-0 15733-22-9 15739-09-0 15809-19-5 15986-80-8 16079-88-2 16219-75-3D, 5-Ethylidenebicyclo[2.2.1]hept-2-ene, reaction products with boron trifluoride and 2-propanol 16228-00-5 16409-43-1 16491-36-4 16752-77-5 16828-95-8 16871-71-9 16893-85-9 16919-19-0 16949-65-8 16961-83-4 17084-08-1 17342-21-1 17804-35-2 18181-70-9 18181-80-1 18205-85-1 18339-16-7 18472-51-0 18479-54-4 18479-57-7 18675-16-6 18675-17-7 18794-84-8 18829-56-6 18854-01-8 18972-56-0 19014-05-2 19093-20-0 19379-90-9 19388-87-5 19578-81-5 19766-89-3 19819-98-8 19870-74-7 20013-73-4 20018-09-1 20543-04-8 20545-92-0 20662-57-1 20679-58-7 20834-59-7 20859-73-8, Aluminum phosphide (AlP) 21129-27-1 21145-77-7 21564-17-0 21757-82-4 21834-92-4 22009-37-6 22205-45-4, Copper sulfide (Cu₂S) 22221-10-9 22248-79-9 22781-23-3 22882-89-9 22882-91-3 22936-75-0 22981-54-0 23031-36-9 23495-12-7 23560-59-0 23564-05-8 23726-92-3 23726-94-5 23787-90-8 24019-05-4 24048-13-3 24111-17-9 24124-25-2 24291-45-0 24634-61-5 24720-09-0 24851-98-7 25068-14-8 25155-18-4 25155-29-7 25167-82-2 25225-10-9 25254-50-6 25265-71-8 25304-14-7 25377-70-2 25628-84-6 25655-41-8 25988-97-0 26002-80-2 26062-79-3 26172-55-4 26248-98-6 26354-18-7 26530-03-0 26530-20-1 26545-49-3 26617-87-8 26635-93-8 26781-23-7 27083-27-8 27176-87-0 27236-65-3 27253-29-8 27323-41-7 27697-50-3 28069-74-1 28159-98-0 28219-61-6 28302-36-5 28387-62-4

RL: BUU (Biological use, unclassified); NUU (Other use, unclassified); BIOL (Biological study); USES (Uses)
(bactericide combinations in detergents)

IT 28434-00-6 28434-01-7 28558-32-9 28645-51-4, Oxacycloheptadec-10-en-2-one 28728-61-2 28772-56-7 28777-01-7 28805-58-5 29232-93-7

STN Columbus

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|--|---|--|---|---|
| 29350-73-0 | 29463-06-7 | 29873-30-1 | 29873-33-4 | 29973-13-5 |
| 30007-47-7 | 30388-01-3 | 30560-19-1 | 30772-79-3 | 31075-24-8 |
| 31195-95-6 | 31218-83-4 | 31501-11-8 | 31512-74-0 | 31906-04-4 |
| 32276-75-8 | 32289-58-0 | 32388-55-9 | 33089-61-1 | 33704-61-9 |
| 33939-64-9 | 33972-49-5 | 34375-28-5 | 34395-72-7 | 34413-35-9 |
| 34681-10-2 | 34911-46-1 | 35109-57-0 | 35206-70-3 | 35285-68-8 |
| 35285-69-9 | 35367-38-5 | 35445-70-6 | 35554-44-0 | 35575-96-3 |
| 35691-65-7 | 35950-52-8 | 36059-35-5 | 36362-09-1 | 36631-23-9 |
| 36734-19-7 | 37139-99-4 | 37228-06-1 | 37306-10-8, Chromium copper boride | |
| 38083-17-9 | 38260-54-7 | 38460-95-6D, 10-Undecenoyl chloride, reaction
products with protein hydrolyzates, potassium salts | 38465-60-0 | |
| 38664-03-8 | 38811-14-2 | 39236-46-9 | 39300-45-3 | 39354-45-5 |
| 39515-40-7 | 39650-63-0, 1H-Benzimidazole-2-pentanamine | | | 39660-17-8 |
| 39758-90-2 | 40027-80-3 | 40188-41-8 | 40596-69-8 | 41096-46-2 |
| 41877-16-1 | 42370-07-0 | 42436-34-0 | 42534-61-2 | 43143-11-9 |
| 44992-01-0 | 46830-22-2 | 46917-07-1 | 50542-90-0 | 50650-76-5 |
| 51015-28-2 | 51015-29-3 | 51026-28-9 | 51200-87-4 | 51566-62-2 |
| 51580-86-0 | 51630-58-1 | 52299-20-4 | 52304-36-6 | 52315-07-8 |
| 52513-11-8 | 52645-53-1 | 52684-21-6 | 52684-23-8 | 52918-63-5 |
| 53082-58-9 | 53488-14-5 | 53720-80-2 | 53727-58-5 | 54262-78-1 |
| 54406-48-3 | 54427-07-5, Copper boride | 54464-57-2 | 54720-15-9 | |
| 54779-21-4 | 55142-08-0 | 55406-53-6 | 55566-30-8 | 55722-59-3 |
| 55965-84-9 | 56073-07-5 | 56073-10-0 | 56148-34-6 | 56148-37-9 |
| 56148-40-4 | 56289-76-0 | 56427-82-8 | 56709-13-8 | 56996-62-4, Glokill 77 |
| 57006-76-5 | 57382-78-2 | 57413-95-3 | 57503-06-7 | 57520-17-9 |
| 57576-09-7 | 57837-19-1 | 58206-95-4 | 58249-25-5 | 58769-20-3 |
| 59323-76-1 | 59324-17-3 | 59355-53-2, Citrex S 5 | 60114-62-7D,
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl
derivs., inner salts | 60168-88-9 60207-31-0 60207-90-1 60239-68-1 |
| 60568-05-0 | 60736-58-5 | 60763-40-8 | 60784-31-8 | 60812-23-9 |
| 61692-81-7 | 61692-84-0 | 61702-91-8 | 61842-86-2 | 62476-84-0D, |
| Guanidine, N,N''-1,3-propanediylbis-, N-coco alkyl derivs., acetates | | | | |
| 62755-21-9 | 63085-03-0 | 63333-35-7 | 63500-71-0 | 63619-09-0 |
| 63943-38-4 | 64359-81-5 | 64440-88-6 | 64628-44-0 | 64665-57-2 |
| 64988-06-3 | 65059-43-0 | 65289-97-6 | 65289-98-7 | 65290-00-8 |
| 65400-98-8 | 65630-22-0 | 65694-09-9 | 65733-16-6 | 65733-18-8 |
| 66062-78-0 | 66063-61-4 | 66065-55-2D, Benzenemethanaminium,
N-(3-aminopropyl)-N,N-dimethyl-, chloride, N-coco acyl derivs. | | |
| 66091-24-5D, 1-Propanaminium, 3-amino-N-ethyl-N,N-dimethyl-, N-lanolin
acyl derivs., Et sulfates | 66204-44-2 | 66215-27-8 | 66789-18-2 | |
| 66841-25-6 | 67100-72-5 | 67171-34-0 | 67185-04-0 | 67228-83-5 |
| 67485-29-4 | 67508-69-4 | 67633-95-8 | 67633-98-1 | 67633-99-2 |
| 67634-01-9 | 67634-12-2 | 67634-14-4 | 67634-15-5 | 67634-25-7 |
| 67634-26-8 | 67747-09-5 | 67772-01-4 | 67801-33-6 | 67801-44-9 |
| 67801-47-2 | 67845-46-9 | 67846-68-8 | 68085-85-8 | 68134-42-9 |
| 68155-66-8 | 68155-67-9 | 68188-98-7 | 68213-85-4 | 68224-19-1 |
| 68359-37-5 | 68480-15-9 | 68480-16-0 | 68527-77-5 | 68527-84-4 |
| 68738-96-5 | 68797-57-9 | 68890-66-4 | 68901-15-5 | 68929-85-1 |
| 68959-20-6 | 68991-96-8 | 68991-97-9 | 69094-18-4 | 69153-35-1 |
| 70161-44-3 | 70680-04-5 | 70680-05-6 | 70754-17-5 | 70775-75-6 |
| 70788-30-6 | 70799-70-1 | 70862-65-6 | 71297-57-9 | 71297-58-0 |
| 71297-59-1 | 71646-36-1 | 72089-08-8 | 72490-01-8 | 72963-72-5 |
| 73264-51-4 | 73337-96-9D, β -Alanine, N-(2-aminoethyl)-N-(2-hydroxyethyl)-, N-C8-18-acyl derivs. | 74774-67-7 | | |
| RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
BIOL (Biological study); USES (Uses)
(bactericide combinations in detergents) | | | | |

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Full Text

ACCESSION NUMBER: 118:197134 CA

TITLE: Temporary health effects from exposure to water-borne

STN Columbus

AUTHOR(S) : paints
Ulfvarson, Ulf; Alexandersson, Rolf; Dahlqvist,
Monica; Ekholm, Ulla; Bergstroem, Bjoern; Scullman,
Jan

CORPORATE SOURCE: Dep. Work Sci., R. Inst. Technol., Stockholm, S-100
44, Swed.

SOURCE: Scand. J. Work, Environ. Health (1992), 18(6), 376-87
CODEN: SWEHDO; ISSN: 0355-3140

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 56-35-9 57-55-6, Propylene glycol, miscellaneous 84-74-2,
Dibutyl phthalate 107-20-0 107-41-5, Hexylene glycol
121-44-8, Triethylamine, miscellaneous 122-99-6, Dalpad a 2634-33-5,
1,2-Benzisothiazol-3(2H)-one 2682-20-4 7664-41-7, Ammonia,
miscellaneous 15102-42-8 25265-77-4, Texanol 26172-55-4
55406-53-6 147172-32-5, Lusolvan FBH

RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(occupational exposure to water-based paints contg., health effects of)

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